





IN THIS ISSUE:  
ANNUAL INDEX TO NUMBERED SERIALS

# Monthly Index *of* Russian Accessions



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## INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS\* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of four parts. Part A lists monographic literature, but no accessions published earlier than 1956 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1956. Tables of contents in English translation are provided for most periodicals listed.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

Beginning Volume 21 No. 1 (April 1968) the subject headings previously used in Part C are replaced by classes based on the Universal Decimal Classification. A guide to the classes used and an alphabetical index to the names of these classes precedes Part C.

Part D lists monographic works recently cataloged by the Library of Congress in English or in the major Western European languages (French, German, Italian, Spanish) on Russia or the Soviet Union, or by Russian or Soviet authors. Each listed monograph is followed by the Library of Congress call number and by the printed L. C. card number.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Parts C and D, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

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\* Volumes 1-10 (No. 9), 1948-1957, issued under title *Monthly List of Russian Accessions*.

# MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—REFERENCE DEPARTMENT

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[AMERICAN ENLIGHTENERS. Selected works. In two volumes. Translated from the English] *Amerikanskoe osvettiteli. Izbr. proizvedeniia. V 2-kh t.* Moskva, "Mysl'," T. I. 1968, 610 p.

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# QAZAQSTAN AIELDERI [KAZAKHISTAN WOMAN].

Alma-Ata, no. 9, 1968. [In Kazakh]

SMENA [THE YOUNGER GENERATION]. Organ of Tsentral'nyi komitet Vsesoluznogo Leningo Kommunisticheskogo soluzn molodezhi [Central Committee of the All-Union Communist Youth League of Lenin], Moscow, no. 20 (996), Oct. 1968.

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Organ of Komitet zhenskikh zhenshchin i Vsesoluznyi Tsentral'nyi Sovet Professional'nykh Soluzov [Committee of Soviet Women and the All-Union Central Council of Trade Unions], Moscow, no. 11, 1968.

# SOVETSKII KRASNYY KREST [SOVIET RED CROSS].

Organ of Ispolnitel'nyi komitet Soluzn obshchestva Krasnogo kresta i Krasnogo polumezinta SSSR [Executive Committee of the Association of Societies of the Red Cross and Red Crescent of the U.S.S.R.], Moscow, vol. 17, no. 5 (96), Sep.-Oct. 1967.

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Issued by Mezhdunarodnaya demokraticeskaya federatsiya zhenshchin [Women's International Democratic Federation], Berlin, no. 3, 1968.

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Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soluzn [Central Committee of the Communist Party of the Soviet Union], Moscow, vol. 45, no. 10, July 1968.

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**LENINIAN YUGOV [LENIN'S WAY]** Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Armenii [Central Committee of the Communist Party of Armenia]. Yerevan, vol. 47, no. 8, 1968. [In Armenian].

**MEZHODUNARODNAIA ZHIZN' [INTERNATIONAL LIFE]** Published by Vsesoyuznoye gosizdatstvo "Znanie" ["Knowledge"] All-Union Society. Moscow, vol. 16, no. 9, 1968.

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**PARTIYA ZHIZN' [PARTY LIFE]** Issued by Tsentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soюза [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 15, Aug. 1968.

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**NARODNAIA ASVETA [PUBLIC EDUCATION].** Organ of Ministerstvo osvity BSSR [Ministry of Education of the White Russian S. S. R.]. Minsk, no. 9, Sep. 1968.

**NARODNOE OBRAZOVANIE [PUBLIC EDUCATION].** Issued by Ministerstvo prosvoshcheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 8, May 1968.

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**RADIANS'KA SHKOLA [SOVIET SCHOOL].** Organ of Ministerstvo osvity Ukrainy RSU [Ministry of Education of the Ukrainian S. S. R.]. Kiev, vol. 46, no. 9, Sep. 1968.

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## b ARCHITECTURE

## AKADEMIYA STROYTEL'STVA I ARHITEKTURY SSSR

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## 12. GEOGRAPHY & GEOLOGY

### a ETHNOLOGY

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- GEOGRAFICHESKOE OBSHCHESTVO SSSR Izvestiya [GEOGRAPHIC SOCIETY OF THE U. S. S. R. Bulletin]. Moscow, vol. 100, no. 4, July-Aug. 1968.  
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## 14. MEDICINE

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##### NOVOSIBIRSK INSTITUT INZHENEROV ZHELEZNO-DOROZHNOGO TRANSPORTA. Trudy [INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS Transactions]. Moscow, no. 63(63), 1967, Problems of engineering geology, foundation beds, and foundations.

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#### STROITEL'NAYA MEKHANIKA I RASCHET SOORUZHENIY [STRUCTURAL MECHANICS AND CONSTRUCTION CALCULATIONS]. Issued by Gosudarstvennyi komitet po delam stroitel'stva SSSR [State Committee for Construction in the U.S.S.R.]. Moscow, vol. 10, no. 2 (58), 1988.

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- Svetilobov, I. M. - In the fire of three revolutions. p. 3.
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- RUSSIA (1923- U.S.S.R.)** Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Ispytaniya vysshih uchebnykh zavedeniy: priborostroyeniye [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Instrument Manufacture]. Moscow, vol. 11, no. 7, 1968. Table of contents translated:
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**ZA BEZOPASNOST' DVIZHENIYA (FOR TRAFFIC SAFETY).** Issued by Otdel RUD-GAI Upravleniya okhany obshchestvennogo poriadka Ispolkomn Mosgovsota [Traffic Department and the State Automobile Inspection Agency of the Administration for the Protection of Public Order of the Executive Committee of the Moscow City Soviet]. Moscow, vol. 11, no. 10(125), Oct. 1968.

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# MINING & METALLURGY

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- Shepelev, S. F. - Conditions of ventilation of the Kazakhstan mines. p. 3.
- TSol, S., Tskhat, S. M. - Using the method of linear programming for solving problems related to the regulation of air consumption in complex ventilation networks. p. 7.
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- Zelnarov, M. M., and others. - Petrographic characteristics of products of outbursts of the mud volcano Oltanborzad (the latest eruption). pp. 11-12, 35.
- Akhmedov, Sh. Z., and others. - Lowering the specific gravity of mud in the Duvanny-more field. p. 13.
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**KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES].** Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 49, no. 12, June 1968.

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**NASHI VESTI [OUR NEWS].** Published by Soluzhbinov Russkogo korpusa [The Association of Members of the Russian Corps]. New York. vol. 21, no. 269, Nov. 1968.

**TYL I SNABZHENIE SOVETSKIKH VOORUZHENNYKH SIL [THE REAR AND SUPPLY OF THE SOVIET ARMED FORCES].** Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 20, no. 6, June 1968.

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**VOENNYI VESTNIK [MILITARY REVIEW].** Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 48, no. 10, Oct. 1968.

**VISTI KOMBATANTA, VETERANS' NEWS.** Issued by United Ukrainian War Veterans in America and others. New York, no. 2(33), 1968.

### b. NAVAL SCIENCE

**LENINGRAD INSTITUT VODNOGO TRANSPORTA [Institute of Water Transportation].** Transactions. No 102, 1967. Hoisting and conveying machines.

Table of contents translated:

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MORSKOI SBORNIK, zhurnal Voenno-Morskogo Flota Soluzh SSR [NAVAL REVIEW, Magazine of the Soviet Navy] Moscow, vol. 51(121), no. 8, Aug 1968.

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REFERATIVNYI ZHURNAL VODNYI TRANSPORT  
 [JOURNAL OF ABSTRACTS: WATER TRANSPORTATION]. Issued by Vsesoiuznyi Institut nauchnoi i tekhnicheskoi informatsii [All-Union Institute of Scientific and Technical Information], Moscow, no. 8, Aug. 1968 [This journal is also issued in parts.]

## List of Periodicals Indexed and Abbreviations Used

Akust. zhur. (13f)	Akusticheskii zhurnal [Journal of Acoustics]	Gaz. prom. (16c)	Gazovaya promyshlennost' [Gas Industry]
Arkhitekt. SSSR (10b)	Arkhitektura SSSR [Architecture of the U.S.S.R.]	Gel'io-tekhnika (16a)	Gel'ioelekhnika [Solar Energy Engineering]
Atom. energ. (13f)	Atomnaya energiya [Atomic Energy]	Genetika (13c)	Genetika [Genetics]
Avi. dor. (16d)	Avtomobil'nye dorogi [Highways]	Geol. i geofiz. (12c)	Geologiya i geofizika [Geology and Geophysics]
Avi. transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]	Gl'avn. i mel. (15a)	Gidroelekhnika i melioratsiya [Hydraulic Engineering and Reclamation]
Avtom. svar. (10f)	Akademii nauk URSR, Kiev. Institut elektrozvarivaniya. Avtomaticheskaya svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding, Automatic Welding]	Gor. khoz. Mosk. (10d)	Gorodskoe khoziasitvo Moskvy [Municipal Economy of Moscow]
Az i Afr. seg. (1h)	Azita i Afrika segodnya [Asia and Africa today]	Iad. fiz. (13f)	Iadernaya fizika. Journal of Nuclear Physics
Azerb. khim. zhur. (13d)	Azerbaidzhanский химический журнал [Azerbaijan Chemical Journal]	Inform. biul. nov. inostr. knig, poslup. v Bibl. im. V. I. Len. Ser. 1 (2a)	Moscow, Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriya 1 Fiziko-matematicheskie i khimicheskie nauki; nauki o zemle; tekhnika i tekhnicheskie nauki [Public Library Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1 Physical, Mathematical, and Chemical Sciences, Earth Sciences, Technology and Technological Sciences]
Azerb. nef. khoz. (10h)	Azerbaidzhanское нефтяное хозяйство [Azerbaijan Petroleum Industry]	Inform. biul. nov. inostr. knig, poslup. v Bibl. im. V. I. Len. Ser. 3 (2a)	Moscow, Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriya 3 Obshchestvennye nauki, khudozhestvennaya literatura, iskusstvo [Public Library Information Bulletin of New Foreign Books Received by the Lenin Library. Series 3: Social Sciences, Belles-Lettres, Art]
Bezop. truda v prom. (16a)	Bezopasnost' truda v promyshlennosti [Industrial Safety]	Inform. biul. VDNKh (10a)	Moscow, Vystavka dostizhenii narodnogo khoziasitva SSSR. Informatsionnyi biulleten' [Exhibition of Achievements of the National Economy of the U.S.S.R. Information Bulletin]
Bibliot. -bibl. inform. (2a)	Akademii nauk SSSR, Sektor spetsial'nykh bibliotek. Biblioteko-bibliograficheskaya informatsiya [Academy of Sciences of the U.S.S.R. Sector of Special Libraries, Library and Bibliographical Information]	Inform. o bibliot. dele i bibl. za rub. (2b)	Informatsiya o bibliotekhnicheskoy dele i bibliografii za rubezhom; sbornik materialov [Information about Library Work and Bibliography Abroad; Materials]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]	Inform. ukaz. bibl. spis. i kari. (2a)	Informatsionnyi ukazatel' bibliograficheskikh spisokov i kartotek, sostavlenykh bibliotekami Sovetskogo Soyuza [Information Index of Bibliographical Lists and Card Files. Compiled by the Libraries of the Soviet Union]
Bibliotekoved. i bibl. (2b)	Bibliotekovedeniye i bibliografiya; ukazatel' literatury [Library Science and Bibliography; an Index to the Literature]	Inform. ukaz. standartov (16a)	Informatsionnyi ukazatel' standartov [Information Index of Standards]
Biul. Ispol. kom. Mosk. gor. sov. (6)	Moscow Ispolnitel'nyi komitet. Biulleten' [Executive Committee Bulletin]	Inzh. -fiz. zhur (10a)	Inzhenerno-fizicheskiy zhurnal [Journal of Engineering Physics]
Bot. zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]	Ist. zap. (4a)	Istoricheskie zapiski [Historical Records]
Bukhgh. uchel (5a)	Bukhgalterskii uchel [Accounting]	Izm. tekhn. (16a)	Izmeritel'naya tekhnika [Measurement Techniques]
Bum. prom. (16f)	Bumazhnaia promyshlennost' [Paper Industry]	Izob. i prom. obraz. i tov. znaki. (16a)	Izobreteniya, promyshlennye obrazy, lozarynye znaki [Inventions, Industrial Samples, Trademarks]
Dokl. Akad. sol'-khov. nauk (15a)	Vsesoyuznaya akademiya sel'skokhoziaistvennykh nauk im. I. V. Lenina. Doklady [Lenin All-Union Academy of Agricultural Sciences, Reports]	Izv. AN Arm. SSR. Fiz. (13f)	Akademii nauk Armianskoi SSR, Eriyan. Izvestiya. Fizika [Academy of Sciences of the Armenian S.S.R. Bulletin. Physics]
Dokl. AN SSSR (13a)	Akademii nauk SSSR, Doklady [Academy of Sciences of the U.S.S.R. Reports]	Izv. AN Arm. SSR. Mekh. (13f)	Akademii nauk Armianskoi SSR, Eriyan. Izvestiya. Mekhanika [Academy of Sciences of the Armenian S.S.R. Bulletin. Mechanics]
Dokl. po etn. Otd. etn. Geog. ob-va SSSR (12a)	Geograficheskoe obshchestvo SSSR. Otdeleniye etnografi. Doklady [Geographical Society of the U.S.S.R. Department of Ethnography, Reports]	Izv. AN Azerb. SSR Ser. Ist., filios. i prava (1a)	Akademii nauk Azerbaidzhan'skoi SSR, Baku. Izvestiya. Seriya Istoriy, filosofii i prava [Academy of Sciences of the Azerbaijanian S.S.R. Bulletin. Series in History, Philosophy, and Law]
Dop. AN URSR. Ser. A (13a)	Akademii nauk URSR, Kiev. Dopovid. Seriya A: Fiziko-tekhnichni ta matematichni nauki [Academy of Sciences of the Ukrainian S.S.R. Reports. Series A: Physical, Technological, and Mathematical Sciences]	Izv. AN Kazakh. SSR. Ser. obshchestv. nauk (1a)	Akademii nauk Kazakh'skoi SSR, Alma-Ata. Izvestiya. Seriya obshchestvennykh nauk [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in the Social Sciences]
Ekonom. i mat. metod. (5b)	Ekonomika i matematicheskie metody [Economics and Mathematical Methods]	Izv. AN Kirg. SSR (1a)	Akademii nauk Kirgizskoi SSR, Frunze. Izvestiya [Academy of Sciences of the Kirghiz S.S.R. Bulletin]
Ekonom. sel'khoz. (5b)	Ekonomika sel'skogo khoziaistva [Economics of Agriculture]	Izv. AN SSSR. Fiz. zem. (13f)	Akademii nauk SSSR, Izvestiya. Fizika zemli [Academy of Sciences of the U.S.S.R. Bulletin. Physics of the Earth]
Elektrokhnimiya (13d)	Elektrokhnimiya [Electrochemistry]	Izv. AN Uz. SSR. Ser. tekhn. nauk (10a)	Akademii nauk Uzbekskoi SSR, Tashkent. Izvestiya. Seriya tekhnicheskikh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin. Series in the Technical Sciences]
Energ. stroit. (10c)	Energeticheskoe stroitel'stvo [Power Construction]	Izv. SO AN SSSR. Ser. khim. nauk (13d)	Akademii nauk SSSR, Sibirskoe otdeleniye. Izvestiya. Seriya khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Siberian Department, Bulletin. Series in the Chemical Sciences]
Energetik (16c)	Energetik [Electric Power Technician]	Izv. Vses. geog. ob-va (12b)	Geograficheskoe obshchestvo SSSR. Izvestiya [Geographic Society of the U.S.S.R. Bulletin]
Fiz. khim. mekh. mat. (16g)	Fiziko-khnimicheskaya mekhanika materialov [Physicochemical Mechanics of Materials]		
Fiz. i khim. obr. mat. (10c)	Fizika i khimiya obrabotki materialov [Physics and Chemistry of Materials Processing]		
Fiz. met. i metalloved. (10c)	Fizika metallov i metallovedeniye [The Physics of Metals and Metallurgy]		
Fiz. -tekhn. probl. razrab. pol. iskop. (16h)	Fiziko-tekhnicheskie problemy razrabotki poleznykh iskopayemykh [Physical and Technological Problems of the Mining of Minerals]		
Fiz. tver. tela (13f)	Fizika tverdogo tela [Solid State Physics]		
Fiziol. zhur. [Ukr.] (13c)	Fiziologicheskii zhurnal [Physiological Journal]		
Gaz. delo (16h)	Gazovoe delo [Gas Industry]		

Izv. vys. ucheb. zav.; chern. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, chernata metallurgii [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]	Mashinovedenie (16g)	Mashinovedeniye [Mechanical Engineering]
Izv. vys. ucheb. zav.; energ. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Power Engineering]	Mast. -zhir. prom. (16c)	Masto-zhirovala promyshlennost' [Oil and Fat Industry]
Izv. vys. ucheb. zav.; fiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Physics]	Mat. k izuch. zhen'. i drug. tek. rast. Dal'. Vost. (14f)	Matostaty k izucheniui zhen'shenia i drugikh tekarshtvennykh rastenii Dal'nego Vostoka [Materials for the Study of Ginseng and other Medicinal Plants of the Far East]
Izv. vys. ucheb. zav.; geod. i aerof. (13b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geodeziia i aerofoto"emka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geodesy and Aerial Photography]	Med. rad. (14a)	Meditsinskaya radiologiya [Medical Radiology]
Izv. vys. ucheb. zav.; khim. i khim. tekhn. (13d)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, khimii i khimicheskaya tekhnologiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology]	Med. ref. zhur. (14a)	Meditsinskiy referativnyi zhurnal [Medical Abstracts]
Izv. vys. ucheb. zav.; mashinostr. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, mashinostroyeniye [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Machinery Manufacture]	Mekh. i avtom. proizv. (16g)	Mekhanizatsiya i avtomatizatsiya proizvodstva [Mechanization and Automation of Production]
Izv. vys. ucheb. zav.; prav. (7)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, pravovedeniye [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Jurisprudence]	Met. i gornorud. prom. (16h)	Metallurgicheskaya i gornorudnaya promyshlennost' [Metallurgical, Mining, and Ore Dressing Industries]
Izv. vys. ucheb. zav.; prib. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, priborostroyeniye [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Instrument Manufacture]	Metalloved. i termicheskaya obrabotka metallor. (16h)	Metallovedeniye i termicheskaya obrabotka metallor. [Metals and Heat Treatment of Metals]
Izv. vys. ucheb. zav.; stroit. i arkhitekt. (10b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Engineering]	Metod. anal. khim. reak. i prepar. (13d)	Metody analiza khimicheskikh reaktivov i preparatov [Methods for the Analysis of Chemical Reagents and Preparations]
Khim. i nef. mashinost. (16c)	Khimicheskoe i nefliannoe mashinostroyeniye [Chemical and Petroleum Machinery Manufacture]	Metod. poluch. khim. reak. i prepar. (13d)	Metody potucheniia khimicheskikh reaktivov i preparatov [Methods of Obtaining Chemical Reagents and Preparations]
Khim. prom. (16c)	Khimicheskaya promyshlennost' [Chemical Industries]	Mezhdunar. zhizn' (6)	Mezhdunarodnaya zhizn' [International Life]
Khim. prom. Ukr. (16c)	Khimicheskaya promyshlennost' Ukrainy [Chemical Industries of the Ukraine]	Mikrobiol. zhur. (13c)	Mikrobiologicheskii zhurnal [Journal of Microbiology]
Khim. i ver. topl. (13d)	Khimiiia v sel'skom khoziaistve [Chemistry in Agriculture]	Mol. komm. (6)	Motodol kommunist [The Young Communist]
Khim. v sel'. khoz. (15a)	Khimiiia v sel'skom khoziaistve [Chemistry in Agriculture]	Mont. i spets. rab. v stroit. (10d)	Montazhnyy i spetsial'nye raboty v stroitel'stve [Assembly and Specialized Operations in Construction]
Khleb. i kond. prom. (16f)	Khlebopekarnaya i konditerskaya promyshlennost' [Baking and Confectionery Industry]	Mor. stol. (17b)	Morskoi flot [The Merchant Marine]
Khlo. tekhn. (16c)	Khlo. i tekhn. [Refrigeration Engineering]	Mor. sbor. (17b)	Morskoi sbornik, zhurnal Voenno-Morskogo flota SSSR [Naval Review; Magazine of the Soviet Navy]
Klin. khir. (14h)	Klinicheskaya khirurgiya [Clinical Surgery]	Muk. -stev. prom. (16f)	Mukomol'no-levatinnaya promyshlennost' [Flour Milling and Grain Storage]
Knizh. del. (2a)	Knizhnaya delopis' [Book Chronicle]	Mysletstvo (10a)	Mysletstvo [Art]
Koks i khim. (16c)	Koks i khimiiia [Coke and Chemistry]	NTO (10a)	Vsesoyuznyi soviet nauchno-tekhnicheskikh obshchestv. Nauchno-tekhnicheskoe obshchestvo SSSR [All-Union Council of Scientific Technological Societies. Scientific Technological Societies of the U.S.S.R.]
Komm. Bel. (6)	Kommunist Belorussii [Communist of White Russia]	Na. stol. Ros. (16d)	Na stroitkakh Rossii [At Russian Construction Projects]
Komm. Vooruzh. Sil (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]	Nar. Az. i Afr. (4a)	Narody Azii i Afriki; istoriya, ekonomika, kul'tura [Peoples of Asia and Africa, History, Economics, Culture]
Kommunist (6)	Kommunist [Communist]	Na. obr. (8a)	Narodnoe obrazovanie [Public Education]
Kons. i ov. prom. (16c)	Konservirovaniye i ovoshchesushil'naya promyshlennost' [The Canning and Dehydrated Vegetable Industry]	Nar. tvorchi. ta etn. (12a)	Narodnaya tvorchest' i etnografiya [Folk Art and Ethnography]
Kosm. issl. (13b)	Kosmicheskoe issledovaniye [Space Research]	Nauch. dokl. vys. shkoly; biol. nauki (13c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshikh shkoly, ekonomicheskoe nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Economics]
Kraeved. zap. (4a)	Yaroslavskiy, Oblastnoi kraevedcheskii muzei, Kraevedcheskie zapiski [Regional Local Museum, Local Lore Notes]	Nauch. dokl. vys. shkoly, ekon. nauki (5b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshikh shkoly, ekonomicheskoe nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Economics]
Kryl. rod. (16h)	Kryl'ia rodiny [Wings of the Motherland]	Nauch. dokl. vys. shkoly; filol. nauki (11a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshikh shkoly, filologicheskoe nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Philological Sciences]
Les. khoz. (15c)	Lesnoe khoziaistvo [Forestry]	Nauch. -issl. trudy IvNITI (16f)	Ivanovo. Nauchno-issledovatel'skii institut khlopchatobazhnoi promyshlennosti. Nauchno-issledovatel'skie trudy [Scientific Research Institute of the Cotton Industry. Scientific Research Papers]
Let. druka BSSR (2a)	Letopis druka BSSR. Letopis' pechatii BSSR [Chronicle of the Publications of the White Russian S.S.R.]	Nauch. -issl. trudy VNIIMP (16f)	Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut mekhanicheskoi promyshlennosti. Nauchno-issledovatel'skie trudy [All-Union Scientific Research Institute of the For Industry. Scientific Research Papers]
Lis. pap. i der. prom. (16f)	Lisova, papernaya i derevobrabotnaya promyshlennost' [Forest, Paper, and Woodworking Industry]	Nauk. pratsi z ist. KPRS (4a)	Naukovyi pratsi z istorii KPRS [Studies on the History of the CPSU]
Lit. proizv. (16h)	Liternoe proizvodstvo [Foundry Practice]	Neftianik (16h)	Neftianik [The Petroleum Worker]
Lit. rets. (2a)	Litopys reitsenzi [Chronicle of Reviews]	Nov. i novost. ist. (4a)	Novaya i novostaya istoriya [Modern and Recent History]
Lit. zhur. et. (2a)	Litopys zhurnal'nykh statei [Chronicle of Periodical Articles]	Nov. inostr. ekon. lit. (5b)	Novaya inostrannaya ekonomicheskaya literatura [New Foreign Economic Literature]
Mash. i nef. obor. (16h)	Mashiny i nefliannoe oborudovaniye [Machinery and Petroleum Equipment]	Nov. inostr. kni-gi; kat. nov. postup. (2b)	Akademii nauk SSSR. Biblioteka. Novye inostrannyye knigi, katalog novykh poshtuplenii [Academy of Sciences of the U.S.S.R. Library. New Foreign Books; Catalog of New Accessions]
		Nov. knigi SSSR (2a)	Novyye knigi SSSR [New Books of the U.S.S.R.]
		Nov. knigi za rub. Ser. A (13a)	Novyye knigi za rubozhom. Seriya A. Matematika, mekhanika, astronomiya, geofizika, fizika, khimiiia, geologiya, fizicheskaya geografiya [New Foreign books: Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geography]

Nov. knigi za rub. Ser B (16a)	Novye knigi za rubezhom. Seriya B: Tekhnika [New Foreign Books. Series B: Technology]	Ref. zhur.: Geod. (13b)	Referativnyi zhurnal: Geodeziya (Oldel'nyi vypusk 52) [Journal of Abstracts: Geodesy (Separate Issue 52)]
Nov. knigi za rub. po obshchestv. naukam (2a)	Novye knigi za rubezhom po obshchestvennyim naukam; ekonomika, filosofiya, istoriya, mezhdunarodnye otnosheniya [New Foreign Books on the Social Sciences: Economics, Philosophy, History, International Relations]	Ref. zhur.: Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]
Nov. lit. po Rum. (2a)	Novaya literatura po Rumynii [New Literature on Rumania]	Ref. zhur.: Geog. (12b)	Referativnyi zhurnal: Geografiya [Journal of Abstracts: Geography]
Nov. sov. lit. o nauke i nauch. i issled. rab. v SSSR (2a)	Novaya sovetskaya literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]	Ref. zhur.: Geol. (12c)	Referativnyi zhurnal: Geologiya [Journal of Abstracts: Geology]
Nov. sov. lit. po iaz. (11a)	Novaya sovetskaya literatura po iazykoznaniiu [New Soviet Literature on Linguistics]	Ref. zhur.: Gor. delo (16h)	Referativnyi zhurnal: Gornoe delo [Journal of Abstracts: Mining]
Nov. tov. (5a)	Novye tovary, informatsionnyiulleten' [New Consumer Goods; Information Bulletin]	Ref. zhur.: Gor. mash. (16h)	Referativnyi zhurnal: Gornye mashiny (Oldel'nyi vypusk 43) [Journal of Abstracts: Mining Machinery (Separate Issue 43)]
Nov. vrem. (8)	Novoe vremia [New Times]	Ref. zhur.: IAd. rean. (16e)	Referativnyi zhurnal: IAdornye reaktory (Oldel'nyi vypusk 50) [Journal of Abstracts: Nuclear Reactors (Separate Issue 50)]
Obshchestv. znan. (10b)	Akademii stroitel'stva i arkhitektury SSSR. Institut obshchestvennykh znanii. Obshchestvennye znanii, sbornik nauchnykh soobshchenii [Academy of Construction and Architecture of the U.S.S.R. Institute of Public Buildings. Public Buildings, Scientific Reports]	Ref. zhur.: Kib. (13a)	Referativnyi zhurnal: Kibernetika [Journal of Abstracts: Cybernetics]
Oktabr' (11b)	Oktabr' [October]	Ref. zhur.: Komm. un., byl. i torg. obr. (16g)	Referativnyi zhurnal: Kommunal'noe, bytovoe i torgovoe oborudovanie (Oldel'nyi vypusk 33) [Journal of Abstracts: Communal, Household, and Commercial Equipment (Separate Issue 33)]
Osn., fund. i mekh. grun. (16d)	Osnovaniia, fundamenti i mekhanika gruntov [Foundations and Soil Mechanics]	Ref. zhur.: Kotlostr. (16g)	Referativnyi zhurnal: Kotlostroenie (Oldel'nyi vypusk 42) [Journal of Abstracts: Boiler Manufacture (Separate Issue 42)]
Palest. sbor. (4a)	Palestinskii sbornik [Palestine Review]	Ref. zhur.: Leg. prom. (16f)	Referativnyi zhurnal: Legkaya promyshlennost' [Journal of Abstracts: Light Industry]
Parazitologiya (13c)	Parazitologiya [Parasitology]	Ref. zhur.: Lesoved. i lesovod. (15c)	Referativnyi zhurnal: Lesovedeniye i lesovodstvo (Oldel'nyi vypusk 56) [Journal of Abstracts: Forestry and Forest Management (Separate Issue 56)]
Part. zhizn' (6)	Partinaya zhizn' [Party Life]	Ref. zhur.: Mashinostrol. mat., konstr. i rasch. del. mash. Gidr. (16g)	Referativnyi zhurnal: Mashinostroitel'nye materialy, konstruktivnyi raschet detalей mashin. Gidropriivod (Oldel'nyi vypusk 48) [Journal of Abstracts: Materials for Machinery Manufacture and the Design of Machine Parts, Hydraulic Drive (Separate Issue 48)]
Pls' v red. Zhur. eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki. Pls'ma v redaktsiiu [Journal of Experimental and Theoretical Physics. Letters to the Editors]	Ref. zhur.: Med. geog. (14a)	Referativnyi zhurnal: Meditsinskaya geografiya (Oldel'nyi vypusk 36) [Journal of Abstracts: Medical Geography (Separate Issue 36)]
Pochvovedenie (15a)	Pochvovedeniye [Soil Science]	Ref. zhur.: Nauch. i tekhn. inform. (16a)	Referativnyi zhurnal: Nauchnaya i tekhnicheskaya informatsiya (Oldel'nyi vypusk 59) [Journal of Abstracts: Scientific and Technical Information (Separate Issue 59)]
Pril. i sist. upr. (16e)	Prilozheniya i sistemy upravleniya [Instruments and Systems of Control]	Ref. zhur.: Prom. transp. (16g)	Referativnyi zhurnal: Promyshlennyy transport [Journal of Abstracts: Industrial Transportation]
Pril. biokhim. i mikrobiol. (13c)	Prilozheniya biokhimiya i mikrobiologiya [Applied Biochemistry and Microbiology]	Ref. zhur.: Stroi. i dor. mash. (16g)	Referativnyi zhurnal: Stroitel'nye i dorozhnye mashiny (Oldel'nyi vypusk 60) [Journal of Abstracts: Construction Equipment and Road Machinery (Separate Issue 60)]
Priroda (13a)	Priroda [Nature]	Ref. zhur.: Tekh. mashinost. (16g)	Referativnyi zhurnal: Tekhnologiya mashinostroyeniya [Journal of Abstracts: Technology of Machinery Manufacture]
Probl. endok. (14a)	Problemy endokrinologii [Problems of Endocrinology]	Ref. zhur.: Teploenerg. (16g)	Referativnyi zhurnal: Teploenergetika [Journal of Abstracts: Heat Engineering]
Probl. fiziol. akust. (13c)	Problemy fiziologicheskoi akustiki [Problems of Physiological Acoustics]	Ref. zhur.: Trakt. i sel'khoz. mash. i orud. (16g)	Referativnyi zhurnal: Traktory i sel'skokhoziaistvennyye mashiny i orudiya (Oldel'nyi vypusk 44) [Journal of Abstracts: Tractors and Agricultural Machinery and Equipment (Separate Issue 44)]
Probl. pored. inform. (13a)	Problemy poredachi informatsii [Problems of the Transmission of Information]	Ref. zhur.: Trub. transp. (16g)	Referativnyi zhurnal: Truboprovodnyy transport (Oldel'nyi vypusk 45) [Journal of Abstracts: Pipeline Transportation (Separate Issue 45)]
Prof. i tekhn. obr. (16a)	Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education]	Ref. zhur.: Turbostr. (16g)	Referativnyi zhurnal: Turbostroenie (Oldel'nyi vypusk 49) [Journal of Abstracts: Turbine Manufacture (Separate Issue 49)]
Prom. Del. (16a)	Promyshlennost' Belorussii [Industry of White Russia]	Ref. zhur.: Vozd. transp. (17b)	Referativnyi zhurnal: Vozdushnyy transport [Journal of Abstracts: Water Transportation]
Prom. energ. (16e)	Promyshlennaya energetika [Industrial Power]	Ref. zhur.: Vop. tekhn. prog. i org. proizv. v mashinost. (16g)	Referativnyi zhurnal: Voprosy tekhnicheskogo progressa i organizatsii proizvodstva v mashinostroyenii (Oldel'nyi vypusk 35) [Journal of Abstracts: Problems of Technological Progress and the Organization of Production in the Machinery Industry (Separate Issue 35)]
Prom. stroi. i inzh. soor. (16d)	Promyshlennoe stroitel'stvo i inzhenernyye sooruzheniya [Industrial Construction and Engineering Structures]	Ref. zhur.: Vozd. transp. (16b)	Referativnyi zhurnal: Vozdushnyy transport [Journal of Abstracts: Air Transportation]
Rad. pravo (7)	Radlans'ko pravo [Soviet Law]	Ref. zhur.: Vzaimodeist. raz. vid. transp. i kont. perev. (16g)	Referativnyi zhurnal: Vzaimodeistviye raznykh vidov transporta i konteynernyye perevozki (Oldel'nyi vypusk 31) [Journal of Abstracts: Container Shipments and the Interaction of Various Types of Transportation (Separate Issue 31)]
Rad. shk. (8a)	Radlans'ka shkola [Soviet School]	Roz. nabl. sov. isk. spul. Zom. (13b)	Akademii nauk SSSR. Astronomicheskii nabludeniye i issledovaniye sputnika [Academy of Sciences of the U.S.S.R. Results of Observations of Satellites]
Radiotekh. i elektron. (16a)	Radiotekhnika i elektronika [Radio Engineering and Electronics]	Sbor. trud. asp. i mol. nauch. sootr. VIR (16d)	Leningrad. Vsesoyuznyi nauch. aspirantov i ml. Union Institute of the Students and Young
Razvedka i okhrana nedr. (16h)	Razvedka i okhrana nedr. [Prospecting and Conservation of Mineral Resources]	Sbor. trud. Kaz. gos. med. inst. (14a)	Kazan. Gosudarstvennyi sbornik trudov [Sb
Ref. sbor. i Ekon. prom. (5b)	Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry]		
Ref. zhur.: Astron. (13b)	Referativnyi zhurnal: Astronomiya (Oldel'nyi vypusk 51) [Journal of Abstracts: Astronomy (Separate Issue 51)]		
Ref. zhur.: Av. i raket. dvig. (16b)	Referativnyi zhurnal: Aviatsonnyye i raketnyye dvigateli (Oldel'nyi vypusk 34) [Journal of Abstracts: Aircraft and Rocket Engines (Separate Issue 34)]		
Ref. zhur.: Avt. i gor. transp. (16g)	Referativnyi zhurnal: Avtomobil'nyi i gorodskoy transport [Journal of Abstracts: Automobile and City Transportation]		
Ref. zhur.: Biol. khim. (13c)	Referativnyi zhurnal: Biologicheskaya khimiya (Oldel'nyi vypusk 30f) [Journal of Abstracts: Biochemistry (Separate Issue 30f)]		
Ref. zhur.: Dvig. vnutr. sgor. (16g)	Referativnyi zhurnal: Dvigateli vnutrennego sgoraniya (Oldel'nyi vypusk 39) [Journal of Abstracts: Internal-Combustion Engines (Separate Issue 39)]		
Ref. zhur.: Elektrotekh. i energ. (16e)	Referativnyi zhurnal: Elektrotekhnika i energetika [Journal of Abstracts: Electrical Engineering and Electric Power]		
Ref. zhur.: Farm. khimioterap. sred. Toks. (14f)	Referativnyi zhurnal: Farmakologiya, khimioterapevticheskie sredstva, Toksikologiya (Oldel'nyi vypusk 54) [Journal of Abstracts: Pharmacology, Chemotherapeutics, Toxicology (Separate Issue 54)]		
Ref. zhur.: Fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]		



Sov. r. trud VNINSAM (16d)	Vsesoyuznyi nauchno-issledovatel'skii institut fizicheskikh struktural'nykh materialov. Shorrtik trudov [All-Union Scientific Research Institute of New Building Materials. Papers]	Trudy metrolog. inst. SSSR (16a)	Trudy metrologicheskikh institutov SSSR, [Transactions of the Metrological Institutes of the U.S.S.R.]
Sem'ia i shkola (8a)	Sem'ia i shkola [Family and School]	Trudy NIIZHT (16d)	Novosibirsk. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Railroad Transportation Engineers. Transactions]
Ser. "Avtomat. i vych. tekhn." (16e)	Seriia "Avtomatika i vychislitel'naya tekhnika" [Series "Automatic Control and Computer Technology"]	Trudy SNIIGGIMS (12c)	Sibirskii nauchno-issledovatel'skii institut geologii, geofiziki i mineral'nogo syr'ya. Trudy [Siberian Scientific Research Institute of Geology, Geophysics, and Mineral Resources. Transactions]
Shakht. stroit. (18h)	Shakhtnoe stroitel'stvo [Mine Construction]	Trudy TSNII MPS (16g)	Moscow. Vsesoyuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions]
Shkola i proizvod. (8a)	Shkola i proizvodstvo [School and Industry]	Trudy Ural. elektromekh. inst. inzh. zhelezn. dor. transp. (16e)	Sverdlovsk. Ural'skii elektromekhanicheskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Ural Electromechanical Institute of Engineers of Railroad Transportation. Transactions]
Soln. rad. i rad. bal. (13f)	Leningrad. Glavnaia geofizicheskaya observatoriia [Main Geophysical Observatory] Solar Radiation and Radiation Balance Data, Solnechnaya radiatsiia i radiatsionnyi balans, Sovetskiiye arkhivy [Soviet Archives]	Trudy Ural. politekh. inst. (16a)	Sverdlovsk. Ural'skii politekhnicheskii institut. Trudy [Ural Polytechnic Institute. Transactions]
Sov. arkh. (4a)	Sovetskaya arkhologia [Soviet Archaeology]	Trudy VNIIG (13d)	Leningrad. Vsesoyuznyi nauchno-issledovatel'skii institut gologii. Trudy [All-Union Scientific Research Institute of Geology. Transactions]
Sov. arkh. i etn. (2a)	Sovetskaya bibliografiia [Soviet Bibliography]	Trudy VSEGEI (12c)	Leningrad. Vsesoyuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions]
Sov. etn. (13a)	Sovetskaya etnografiia [Soviet Ethnography]	Trudy VZIIIT (16g)	Moscow. Vsesoyuznyi nauchnyi institut inzhenerov zheleznodorozhnogo transporta. Trudy [All-Union Correspondence Institute of Railroad Transportation Engineers. Transactions]
Sov. etn. (17)	Sovetskiiye institutsii [Soviet Justice]	TSitologiya (13e)	TSitologiya [Cytology]
Sov. med. (14a)	Sovetskaya meditsina [Soviet Medicine]	TSvet. met. (16h)	TSvetnye metally [Nonferrous Metals]
Sov. muz. (9b)	Sovetskaya muzyka [Soviet Music]	Tyl i snab. Sov. Voor. Sil (17a)	Tyl i snabzhenie Sovetskikh Vooruzhennykh Sil [The Rear and Supply of the Soviet Armed Forces]
Sov. pedagog. (8a)	Sovetskaya pedagogika [Soviet Pedagogy]	Uch. zap. Kish. un. (1a)	Kishinev. Universitet. Uchenye zapiski [University. Studies]
Sov. profsoyuzy (5d)	Sovetskiiye profsoyuzy [Soviet Trade Unions]	Uch. zap. Ped. inst. Geris. (1a)	Leningrad. Gosudarstvennyi pedagogicheskii institut imeni A. I. Gertsena. Uchenye zapiski [A. I. Herzen State Pedagogical Institute. Studies]
Sov. shakht. (16h)	Sovetskii shakhter [Soviet Miner]	Uch. zap. Sver. gos. ped. inst. (1a)	Sverdlovsk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Sov. slav. (4a)	Sovetskoe slavonovedenie [Soviet Slavic Studies]	Uch. zap. VGPI (1a)	Vologda. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Sred. spets. obr. (8a)	Srednee spetsial'noe obrazovanie [Secondary Specialized Education]	Ugol' (16h)	Ugol' [Coal]
Stal' (16h)	Stal' [Steel]	Ugol' UKr (16h)	Ugol' Ukrainskii [Coal of the Ukraine]
Steklo i ker. (16c)	Steklo i keramika [Glass and Ceramics]	Ukr. ist. zhur. (4a)	Ukrainskii istoricheskii zhurnal [Ukrainian Historical Journal]
Stroitel'stvo i arkhitekt. Len (10b)	Stroitel'stvo i arkhitektura Leningrada [Construction and Architecture in Leningrad]	Usp. khim. (13d)	Usp. khimii [Progress in Chemistry]
Stroitel'stvo i arkhitekt. Mosk. (10b)	Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]	Usp. sov. biol. (13c)	Usp. khim. i sovremennoi biologii [Progress in Contemporary Biology]
Stroitel'stvo i mekh. i rasch. soor. (16d)	Stroitel'naya mekhanika i raschet sooruzhenii [Structural Mechanics and Construction Calculations]	Uzb. khim. zhur. (13d)	Uzbekskii khimicheskii zhurnal [Uzbek Chemical Journal]
Stroitel'stvo i truboprovodov (16d)	Stroitel'stvo i truboprovodov [Pipeline Construction]	Ved. Verkh. Sov. RSFSR (6)	Russia (1917- R S S R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Svar. protzv. (16f)	Svarochnoe protzvodstvo [Welding Practice]	Ved. Verkh. Sov. SSSR (6)	Russia (1923- U. S. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Tekhn. est. (16a)	Tekhnicheskaya estetika [Industrial Aesthetics]	Vest. AMN SSSR (14a)	Akademii meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U. S. S. R. Journal]
Tekstil. prom. (16f)	Tekstil'naya promyshlennost' [Textile Industry]	Vest. AN Kazakh. SSR (1a)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S. S. R. Journal]
Teor. i prak. fiz. kul't. (8b)	Teoriia i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education]	Vest. AN SSSR (1a)	Akademii nauk SSSR. Vestnik [Academy of Sciences of the U. S. S. R. Journal]
Torf. prom. (16h)	Torflannaya promyshlennost' [Peat Industry]	Vest. drev. ist. (4a)	Akademii nauk SSSR. Institut istorii. Vestnik drevnei istorii [Academy of Sciences of the U. S. S. R. Institute of History. Review of Ancient History]
Transp. stroit. (16d)	Transportnoe stroitel'stvo [Construction for the Transportation Industry]	Vest. LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
Trudy Chat. GMOS (15a)	Chatkai'skaya gos. nauchno-issledovatel'skaya opyt'naya stantsiia. Trudy [Chatkai Experimental Station for Improvement of Mountain Land. Transactions]	Vest. Mosk. un. Ser. 2: Khim. (13d)	Moscow. Universitet. Vestnik. Seriya 2: Khimiia [University. Review. Series 2: Chemistry]
Trudy Dush. med. inst. (14a)	Dushanbe Gosudarstvennyi meditsinskii institut. Trudy [State Medical Institute. Transactions]	Vest. Mosk. un. Ser. 5: Geog. (12b)	Moscow. Universitet. Vestnik. Seriya 5: Geografiia [University. Review. Series 5: Geography]
Trudy Fiz. inst. (13f)	Akademii nauk SSSR. Fizicheskii institut. Trudy [Academy of Sciences of the U. S. S. R. Institute of Physics. Transactions]	Vest. Mosk. un. Ser. 8: Filoz. (8a)	Moscow. Universitet. Vestnik. Seriya 8: Filosofia [University. Review. Series 8: Philosophy]
Trudy GIM (4a)	Moscow. Gosudarstvennyi istoricheskii muzei. Trudy [State Historical Museum. Transactions]	Vest. Mosk. un. Ser. 12: Pravo (7)	Moscow. Universitet. Vestnik. Seriya 12: Pravo [University. Review. Series 12: Law]
Trudy Giprotsvetmelobrabotka (16h)	Moscow. Gosudarstvennyi nauchno-issledovatel'skii i proektnyi institut po obrabotke i ispytaniyu metallov. Trudy [State Scientific Research and Planning Institute for the Processing of Nonferrous Metals. Transactions]	Vest. obshchestv. nauk AN Arm. SSR (1a)	Akademii nauk Armianskoi SSR, Eriyan. Vestnik obshchestvennykh nauk [Academy of Sciences of the Armenian S. S. R. Review of Social Sciences]
Trudy Gos. nauch.-issl. inst. psikh. (14c)	Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut psikhologii. Trudy [State Scientific Research Institute of Psychiatry. Transactions]	Vest. sel'skhoz. nauk (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science]
Trudy IGD (Sverd.) (16h)	Sverdlovsk. Institut gornogo dela. Trudy [Institute of Mining. Transactions]	Vest. stat. (5b)	Vestnik statistiki [Statistical Review]
Trudy Inst. eksp. med. AMN SSSR (14a)	Akademii meditsinskikh nauk SSSR, Moscow. Institut eksperimental'noi meditsiny. Trudy [Academy of Medical Sciences of the U. S. S. R. Institute of Experimental Medicine. Transactions]	Vest. svyazi (16e)	Vestnik svyazi. [Communication Review]
Trudy Inst. gor. dela AN Kazakh. SSR (16h)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Institut gornogo dela. Trudy [Academy of Sciences of the Kazakh S. S. R. Institute of Mining. Transactions]	Vest. vyssh. shkoly (8a)	Vestnik vysshei shkoly [Review of Schools for Higher Education]
Trudy Inst. ist. par. [Azerb.] (17b)	Baku. Institut istorii partii. Trudy [Institute of the History of the Party. Transactions]		
Trudy LITV (17b)	Leningrad. Institut vodnogo transporta. Trudy [Institute of Water Transportation. Transactions]		
Trudy Lab. ozerov. (13c)	Leningrad. Universitet. Laboratoriia ozerovedeniia. Trudy [University. Laboratory of Limnology. Transactions]		
Trudy Mat. inst. (13e)	Akademii nauk SSSR. Matematicheskii institut. Trudy [Academy of Sciences of the U. S. S. R. Mathematical Institute. Transactions]		

Vestsi AN BSSR Ser. hram. nav. (1a)	Akademika navuk BSSR, Minsk Seriya hramadskikh navuk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Social Sciences]	Zav. lab. (16h)	Zavodskaya laboratoriya [The Factory Laboratory]
Vop. ekon. (5b)	Voprosy ekonomiki [Problems of Economics]	Zhil. stroi. (16d)	Zhilyshchnoe stroitel'stvo [Housing Construction]
Vop. filos. (3a)	Voprosy filosofii [Problems of Philosophy]	Zhur. anal. khim. (13d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Vop. ist. (1a)	Voprosy istorii [Problems of History]	Zhur. evol. biokhim. i fiziol. (13c)	Zhurnal evolyutsionnoi biokhimi i fiziologii [Journal of Evolutionary Biochemistry and Physiology]
Vop. ist. KPSS (6)	Voprosy istorii KPSS [Problems in the History of the CPSt]	Zhur. fiz. khim. (13d)	Zhurnal fizicheskoi khimii [Journal of Physical Chem- istry]
Vop. med. khim. (14f)	Voprosy meditsinskoi khimii [Problems of Medical Chem- istry]	Zhur. mikro- biol., epid i immun (14a)	Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immuno- biology]
Vop. metod. prep. marks-len. litos. v vuz (3a)	Voprosy metodiki prepodavaniia marksistsko-leninskoi filosofii v vuzakh [Methodological Problems in Teaching the Marxist-Leninist Philosophy in the Institutions of Higher Learning]	Zhur. Mosk. Patr. (3b)	Orthodox Eastern Church, Russian. Patriarch Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patri- archate]
Viach. delo (14a)	Viachebnoe delo [Medical Practice]	znur. nevr. i psikh. (14c)	Zhurnal nevropatologii i psikiatrii [Journal of Neuropathol- ogy and Psychiatry]
Vysokom. soed. Ser. A (13d)	Vysokomolekulyarnye soedineniia. Seriya A [Macromolecular Compounds. Series A]	Zhurnal'ist (11b)	Zhurnal'ist [Journalist]
Zashch. rast (15d)	Zashchita rastenii [Protection of Plants]		

# 0. GENERALITIES

## 00 FUNDAMENTALS OF KNOWLEDGE AND CULTURE

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## 02(471, 63)—Stavropol Territory

We inform our readers about foreign publications. A. Khazanova. Bibliotekar' no. 4-10-41 '68.

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# 06 ORGANIZATIONS, ASSOCIATIONS, CONGRESSES, MUSEUMS

# 06.06 Exhibitions, competitions, examinations

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It is being demonstrated in the "Petroleum Industry" Pavilion, V. Ivanov, Inform. biul. VDNKH no. 7:8 JI '68.

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# 06.07 Various activities

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From our correspondents, Komm. Vostuch. fil. 11 no. 10 86 Ag '68.  
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# 06.07(476)—White Russian S. S. R.

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# 1. PHILOSOPHY. METAPHYSICS. PSYCHOLOGY. LOGIC. ETHICS AND MORALS

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- Determination of cobalt in ferrous sulfate. E. D. Kuchynin, F. P. Gorbenko. *Metod. anal. khim. reakt. i prepar.* no. 15 101-103 '68.
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- Analysis of alkaline salts of tartaric and amino acids by titration in a nonaqueous medium. G. M. Gal'perin and others. Zav. lab. 34 no. 4 116 '68
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- Spectrophotometric determination of pyromellitic acid in pyromellitic dianhydride. N. P. Anashkina, M. T. Golikova. Zhur. anal. khim. 23 no. 8 1261-1265 Ag '68
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621(439)—Hungary

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621(471.232)—Leningrad City

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621(471.5)—Ural regions

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621(476)—White Russian S. S. R.

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621(477.6)—Donetsk Basin

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621(574)—Kazakh S. S. R.

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621.00 Machinery details

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621.001 General characteristics

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621.002 Fixed and moving parts

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621.004 Form and shape of products

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621.007 Servicing, maintenance, assembly, protection and safety devices

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621.008 Machinery, plant or apparatus according to motive force or power

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## 62.79 Various other kinds of metalwork

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631.4 (4)—Europe

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631.4 (7)—North America

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631.5 Operations. Growing. Cultivation methods

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631.52 (Continued)

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**Evaluation of combato sorts and hybrids as to resistance to leaf mold in winter greenhouse conditions.** I. B. Guran'ko. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 8: 250-264 '67.

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**Response of corn to fertilizers in the insufficient moisture zone of Slavopoli Territory.** I. V. Nikopol'skaya. Khim. v sel'khoz. 6 no. 9: 2-4 S '68.

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664.6(497.1)—Yugoslavia  
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664.6(571.15)—Altai Territory  
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664.7 Flour and corn milling. Grain processing [Adjustment of automatic elevator units] Naladka avtomaticheskikh ustroystv elevatorov. Moskva, "Kolos," 1967, 238 p.

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664.7(471.324)—Voronezh Province  
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664.7(471.62)—Krasnodar Territory  
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664.7(471.63)—Stavropol Territory  
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664.7(477)—Ukrainian S.S.R.  
Industrial testing of press dies for granulating mixed feeds. A. Gur'ev, Muk.-elev. prom. 34 no. 8:23-24 Ag '68.

664.7(479.22)—Georgian S.S.R.  
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664.7(497.2)—Bulgaria  
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664.7(574)—Kazakh S.S.R.  
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664.7(575.1)—Uzbek S.S.R.  
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664.7(575.3)—Tajik S.S.R.  
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664.8 Preservation of organic products Fruit and vegetable produce

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664.8(477)—Ukrainian S.S.R.  
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664.8(478)—Moldavian S.S.R.  
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664.8(497.2)—Bulgaria  
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665 Oils. Fats. Waxes

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#### 669 048 Heating processes

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materials] Dva 'ba za vrasl' Sovetov v Tobol'skol  
(Tumenskoi) gubernii. (1917-1929 gg.) Sbornik dokum.  
materialov. Sverdlovsk, Sred.-Ural'skoe kn. izd.,  
1961, 430 p.

947.084(574)—Kazakh S. S. R.

Sons of the Ukraine in the struggle for Soviet rule in  
Kazakhstan. P. A. Pakhimuriyev Ukr. ist. zhur. 11  
no. 1-103-105 Ja '68.

## AUXILIARY CLASS BY PLACE

(161) New states

see under the following number 327

(177) Undeveloped and underdeveloped areas

see under the following numbers: 30.02; 300.44;  
300.45; 312; 329.06; 330.2; 336; 336.42;  
338; 338.1; 351; 361

(211) Cold, frigid regions

see under the following numbers 631.5; 635.1

(234) Mountains of Europe

see under the following numbers 549; 551.7;  
553

(235) Mountains of Asia

see under the following numbers. 550.3; 551.3;  
551.7

(26) Oceans, Seas

see under the following number 622.2

(261) Atlantic Ocean

see under the following numbers 597; 650.6

(261.3) Baltic Sea, with Gulfs

see under the following number 650.6

(262.6) Black Sea

see under the following numbers 577.4; 611

(265) Pacific Ocean

see under the following numbers 550.3; 551.2;  
595; 610

(267.5) Red Sea

see under the following number 627.3

(268) Arctic Ocean

see under the following numbers. 502; 590; 622.3;  
650.6

(282.2) Rivers

see under the following number: 627.1

(282.24) European rivers

see under the following numbers 581.5; 611

(282.25) Asian rivers

see under the following number 551.3

(285) Lakes, ponds, etc.

see under the following numbers 551.3; 551.4;  
561.48; 576.8; 581.5; 582.2

(4'9.103) Communist countries of the world

see under the following numbers: 30.02; 31;  
327; 329.04; 330.2; 331; 331.2; 331.07;  
338; 380.11; 382; 608; 930

(4'9.104) Capitalist countries of the world

see under the following numbers 100; 26; 30.07;  
301; 32; 323.1; 323.2; 327; 330.2; 331.2;  
331.6; 331.8; 336.1; 336.45; 336.46; 338;  
338.5; 338.6; 34; 341.1; 341.2; 342; 343;  
351.74; 351.85; 355; 355.2; 362; 616.089;  
616.1; 621.039; 622; 651; 650.6; 660; 7.0;  
930; 930.2; 940.53

(4) Europe

see under the following numbers. 28; 63; 631.4;  
631.6; 610; 930; 931; 94; 940.53

(40) European capitalist countries

see under the following numbers: 30.07; 323;  
323.2; 325; 341.2

(41) United Kingdom and Northern Ireland

see under the following numbers 28; 323.2; 327;  
329.1; 338.9; 382; 624.1; 626.8; 654.1; 677;  
7.05; 940.53

(42) Ireland (Eire)

see under the following number. 94

(430) Germany

see under the following numbers: 323.2; 329.04;  
331; 343; 355.02; 43; 78; 94; 940.53

(431) German Democratic Republic

see under the following numbers: 05; 07; 32;  
329.06; 331.8; 342; 372.364; 373.6; 378;  
616.2; 616.98; 655; 681.1; 684; 74; 725.4;  
778.5; 796; 930.25

(433) Federal Republic of Germany

see under the following numbers. 04; 07; 167;  
28; 323; 323.15; 327; 329.1; 329.4; 336;  
343; 347.4; 355; 355.2; 37; 501; 62; 624.1;  
910; 930

(436) Austria

see under the following numbers 07; 24; 341.2;  
342; 622.3; 94

(437) Czechoslovakia

see under the following numbers 05; 28; 323;  
323.2; 327; 329.05; 338; 341.2; 37; 378;  
39; 621.701; 622.3; 657; 681.1; 7.05; 741;  
792; 796; 811; 930.25; 94

(438) Poland

see under the following numbers. 02; 323.15;  
329.06; 330.2; 333; 36.08; 37; 373.6; 39;  
621.701; 622.2; 622.3; 624.1; 629.12; 650.1;  
689.017; 69.05; 725.4; 910; 930; 930.25; 94;  
940.53

(439) Hungary

see under the following numbers: 01; 02; 05;  
329.04; 330.115; 330.19; 338; 338.98; 380.13;  
621; 711.4; 78; 94

(44) France

see under the following numbers: 07; 323; 323.1;  
323.15; 323.2; 327; 329.06; 331; 331.1;  
331.6; 336.1; 34; 340.90; 351.83; 361; 378;  
39; 44; 629.113; 650.08; 7.0; 78; 910;  
940.53

(45) Italy

see under the following numbers: 05; 07; 18.01;  
323; 323.2; 664.0; 7.05; 791.4; 810; 930;  
930.25; 94; 940.53

(460) Spain

see under the following numbers 78; 79; 94

(468.2) Gibraltar

see under the following number. 324

(469) Portugal

see under the following numbers: 325; 351.74; 94

(470) European U. S. S. R.

see under the following numbers 551.2; 551.4;  
551.7; 551.8; 571; 631.8; 633

(471) Russian Soviet Federated Socialist Republic (R. S. F. S. R.)

see under the following numbers: 660; 342; 351;  
351.62; 352; 373; 373.6; 551.3; 62; 631.52;  
634.0; 634.1; 930.25

(471.1) Northern R. S. F. S. R.

see under the following numbers 371.8; 398;  
551.44; 553; 911; 912; 930.2; 930.28

(471.11) Archangel Province

see under the following numbers 676; 910

(471.111) Nenets National District

see under the following number 551.4

(471.12) Vologda Province

see under the following numbers: 326; 329.01;  
338.1; 658.5; 669.1; 930.2

(471.13) Komi A. S. S. R.

see under the following numbers 39; 622.2; 623.3;  
631.5; 635.1

(471.2) Northwestern R. S. F. S. R.

see under the following number 930.26

(471.21) Murmansk Province

see under the following numbers. 553; 624.1;  
627.8; 711.4; 940.53

(471.22) Karelian A. S. S. R.

see under the following number 623.6

(471.23) Leningrad Province

see under the following numbers 329.02; 571;  
581.2; 582.2; 598.2; 610.9; 621.311; 623.6;  
629.12; 631.3; 631.4; 633.2; 634.0; 69;  
711.3; 712; 930.26; 947.084

(471.232) Leningrad City

see under the following numbers 069; 07; 329.01;  
331; 331.8; 362.8; 371.1; 378; 41; 621;  
624.2; 69; 664.1; 69; 72; 725.8; 727; 76;  
930.26; 940.53

(471.24) Novgorod Province

see under the following numbers 571; 937

(471.25) Pskov Province

see under the following number 910

(471.31) Central Industrial regions

see under the following numbers 551.48; 551.9

(471.310) Moscow City

see under the following numbers 28; 312; 321;  
329.01; 329.02; 331; 351; 371.7; 373.6; 378;  
613; 620.113; 624; 624.1; 655; 657; 658.1;  
664.1; 685; 69; 711.4; 725; 725.2; 725.5;  
940.53

(471.311) Moscow Province

see under the following numbers 373.6; 374; 378;  
551.5; 581; 621.311; 621.6; 622.3; 631.1;  
630.08; 637; 657; 659.8; 66; 677; 940.63

(471.312) Tula Province

see under the following numbers. 657; 69; 683.8;  
947.084

(471.313) Rязan Province

see under the following number 97

(471.314) Vladimir Province

see under the following numbers: 329.01; 338.1;  
339; 631; 631.1; 669.1; 677; 910

(471.315) Ivanovo Province

see under the following number: 378

(471.316) Yaroslavl Province  
see under the following numbers: 02; 05, 060, 06; 482, 502.7; 551.3; 551.5; 551.8, 597, 711.4, 739; 910, 930.2, 947

(471.317) Kostroma Province  
see under the following number: 551.40

(471.318) Kaluga Province  
see under the following numbers: 01; 312, 338.1, 373.68; 638.4

(471.321) Orel Province  
see under the following number: 547

(471.322) Lipetsk Province  
see under the following numbers: 331.881, 658.5, 689.1

(471.323) Kursk Province  
see under the following numbers: 02; 320.01; 374, 591, 581.5, 626.8; 66, 940.53

(471.324) Voronezh Province  
see under the following numbers: 338.1, 374; 621.80, 625.2, 629.113; 656.1, 658.5; 684.7, 691.3, 7.05, 940.53

(471.325) Belgorod Province  
see under the following numbers: 553; 582.4; 940.53

(471.326) Tambov Province  
see under the following number: 07

(471.327) Penza Province  
see under the following numbers: 331.8; 338.1

(471.328) Mordvin A. S. S. R.  
see under the following number: 60.05

(471.33) Western R. S. F. S. R.  
see under the following number: 338.1

(471.331) Kalinin Province  
see under the following numbers: 07; 28; 308, 31; 338; 37, 621.311; 711.4

(471.332) Smolensk Province  
see under the following numbers: 308; 626.8, 78

(471.333) Bryansk Province  
see under the following numbers: 631.8; 634.0; 940.53

(471.341) Gorkiy Province  
see under the following numbers: 02, 028; 627.8; 631.3; 664.6

(471.342) Kirov Province  
see under the following numbers: 028; 331.8; 331.881; 338.1; 634.0; 674

(471.343) Mari A. S. S. R.  
see under the following number: 301

(471.344) Chuvash A. S. S. R.  
see under the following numbers: 571; 625.7; 930.26

(471.4) Central and Lower Volga regions  
see under the following numbers: 323.3; 571, 622.3; 930.28; 947

(471.41) Tatar A. S. S. R.  
see under the following numbers: 01; 30.1; 301; 37; 378, 81; 622.2; 658.5

(471.43) Kuybyshev Province  
see under the following numbers: 02; 028; 331.1; 37; 621.311; 622.2; 631.3; 634.0; 667

(471.44) Saratov Province  
see under the following numbers: 373.8, 374, 381, 621.311, 625, 657, 930.25

(471.45) Volgograd Province  
see under the following numbers: 320.01, 373.68, 551.7, 631, 658.3, 664.6; 910.53

(471.46) Astrakhan Province  
see under the following numbers: 331.881, 572; 930.26

(471.5) Ural regions  
see under the following numbers: 308, 331.3, 338.4, 338.91; 338.98; 551.2, 551.1, 551.7, 552, 621, 621.791, 622.3, 658.3, 658.5, 68, 930; 947

(471.51) Udmurt A. S. S. R.  
see under the following number: 308

(471.52) Bashkir A. S. S. R.  
see under the following numbers: 374, 622.2, 622.3, 623.9, 631.3, 659, 947

(471.53) Perm Province  
see under the following numbers: 621.311, 622.2

(471.54) Sverdlovsk Province  
see under the following numbers: 215; 30.07; 331; 331.881, 338.1; 362, 370.17, 371.1; 380.1; 381.5; 550.8, 581.2, 622.2; 622.3, 622.7; 83; 631.1, 631.3; 642, 657; 658.1; 681.2, 7.05; 792

(471.55) Chelyabinsk Province  
see under the following numbers: 330.1, 37, 370.17, 373.8, 621.77; 622.2, 622.3, 654.1; 658.5; 699.1

(471.56) Orenburg Province  
see under the following numbers: 37, 622.3; 655; 667; 658.1, 695.5, 678

(471.6) Northern Caucasus  
see under the following numbers: 30, 571; 581.1, 621.6; 627.8, 631.1; 911, 930.20, 940.53

(471.61) Rostov Province  
see under the following numbers: 07, 331.8; 331.881; 336.41; 551.2; 625.1, 631.4; 657, 68; 664.3, 666.1, 725.2

(471.62) Krasnodar Territory  
see under the following numbers: 323.15; 331.87, 338.1; 362.1, 41; 551.4; 622.3, 624.1; 629, 128; 658.8; 658.8, 664.7; 947

(471.63) Stavropol Territory  
see under the following numbers: 02; 028, 362.1, 37; 551.14, 551.5, 610.69, 621.39, 621.5; 622.2; 622.3, 626.8; 631.8; 632.0; 633; 658.8, 664.7

(471.632) Karachay-Cherkess Autonomous Province  
see under the following numbers: 02; 028

(471.64) Kabardino-Balkar A. S. S. R.  
see under the following numbers: 02; 622.8; 711.4

(471.65) North Ossetian A. S. S. R.  
see under the following numbers: 37; 667

(471.66) Chechen-Ingush A. S. S. R.  
see under the following numbers: 028; 07; 338.1; 398; 621.36, 622.2; 622.3, 650.1

(471.67) Dagestan A. S. S. R.  
see under the following numbers: 302; 621.311; 624.1; 631.4; 634.1, 658.3; 69

(474.2) Estonian S. S. R.  
see under the following numbers: 07; 338.1; 37; 572, 62; 622.3; 631.3, 631.6; 654.1; 791; 792; 910

(474.3) Latvian S. S. R.  
see under the following numbers: 37, 373.6, 381.5; 621.5, 626.8, 631.5, 631.6, 632.9, 636.08; 636.4, 656.5, 657, 664; 687, 78, 930.25

(474.5) Lithuanian S. S. R.  
see under the following numbers: 02, 07, 373, 551.3, 631.3, 670, 72, 725, 78, 791, 792, 930.20, 931

(476) White Russian S. S. R.  
see under the following numbers: 06 07, 07, 23, 30 07, 312, 325, 320.01, 330.10, 331.8, 338, 338.1, 37, 370.17, 373.6, 374, 378, 39, 392, 393, 398; 551.3, 551.4; 571, 61, 62, 621, 621.82, 621.9, 623.6, 625.7, 626.8, 63, 631.1; 631.3, 631.4; 631.8, 634.0, 636.08, 64, 65 01, 658.2, 658, 658.3; 658.5, 664, 67/68, 677, 68, 681.1; 685, 69, 7 04, 78, 792, 930.25, 930.26, 940.53

(477) Ukrainian S. S. R.  
see under the following numbers: 028, 03, 65; 66.07, 069; 07, 300.1, 308, 31, 312, 323.1, 323.3; 329.01; 329.02, 329.04, 331; 331.1, 331.7; 331.881; 334; 338, 338.1; 338.4, 338.9, 34, 340.06; 343.8, 347.0, 347.933, 347.995, 351.83, 351.85, 352, 362, 367; 370.17, 371.8, 372; 378.6; 373.68; 374, 378, 39, 398, 602.7; 550.3; 551.2, 553, 553.9, 571, 581.2; 582.2, 585, 62, 621; 621.311, 621.394, 621.395, 621.5, 621.791, 621.87, 622, 622.2, 622.3, 622.5, 623.1, 623.6, 624.1, 625.7, 626.8; 627.8; 628.3, 63; 631.3; 631.8, 632, 633, 634.0, 635.1; 635.6, 636, 65.01; 654, 654.1, 655; 656.1; 657, 658, 658.1, 658.3, 658.5; 66; 662.0, 662.7; 663, 664.1; 664.6, 664.7; 664.8; 669.1, 674, 677; 687, 690.6; 7 04; 711.3; 725.4, 73; 738; 75; 778.5, 78; 79, 791.4; 792, 796, 811, 830, 930.25; 930.26, 931; 940.53, 947.084

(477.6) Donetsk Basin  
see under the following numbers: 329.02, 329.04, 347.963; 352, 571; 614.2, 621, 621.311, 621.39; 622; 622.2, 622.3, 623.4, 622.4, 622.7; 622.8, 627.2, 658.3, 658.5; 681.1, 725.4, 79, 930.26; 94, 940.53

(477.8) Western Ukraine  
see under the following numbers: 06 09; 07, 262, 313, 324, 329.01; 329.02, 329.04, 331.8, 343.8, 343.915, 347.903, 355.2; 367, 370.17, 39; 398, 540.53; 582, 571; 617.7, 622.3, 658.7, 675; 687, 726, 745; 746, 792; 940.53; 947

(477.88) Transcarpathia  
see under the following numbers: 28, 329.04, 339.1, 578.0; 634.0, 947

(477.9) Crimea  
see under the following numbers: 352, 551.2; 581.1, 581.2; 581.4; 618.8, 627.9; 631.0, 633; 634.1; 630.26; 930.27, 940.53, 947.084

(478) Moldavian S. S. R.  
see under the following numbers: 371.8; 378; 491, 501; 631.4; 631.5, 634.0; 667; 664.8, 79

(479) Caucasus and Transcaucasia  
see under the following numbers: 308, 329.02, 329.04; 39; 551.40; 552, 947.084

(479.22) Georgian S. S. R.  
see under the following numbers: 308, 331, 37, 560.34, 551.3; 631.6; 632; 664.7; 677; 711.4, 78; 796, 930.27; 931

(479.224) Abkhaz A. S. S. R.  
see under the following numbers: 581.1, 631.52; 635.1

(479.24) Azerbaijan S. S. R.  
see under the following numbers: 02, 07; 100, 18.01; 300.1; 300.11, 300.12; 327, 329.01, 329.02, 331; 331.3, 331.8, 331.881; 333; 34, 351.95, 351.9; 352; 359; 37, 39; 551.3, 551.7, 552, 553.9; 562; 571, 572, 622.2; 622.3, 631.8; 631.9; 632.95; 634.0; 635.6, 638.08; 658.5; 658.1; 658.5; 659; 664.6, 665.5, 711.4; 72.03; 78; 930.26, 940.53, 947, 947.084

- (479.243) Nagorno Karabakh Autonomous Province  
see under the following number: 635, 1
- (479.25) Armenian S. S. R.  
see under the following numbers: 09, 301, 323.3, 39, 392, 551, 552, 553, 571, 577.4, 636.08, 72.03, 75, 78, 930.25, 930.26, 931, 947.084
- (480) Finland  
see under the following numbers: 07, 24, 28, 338, 39, 625, 72; 94
- (481) Norway  
see under the following numbers: 701, 910
- (485) Sweden  
see under the following numbers: 324, 612, 632.0, 634.0, 795, 930.25
- (492) Netherlands  
see under the following number: 75
- (493) Belgium  
see under the following number: 320.06
- (494) Switzerland  
see under the following numbers: 670, 78
- (495) Greece  
see under the following numbers: 333, 330.40; 338; 378, 78, 930.26, 930.27, 931, 94
- (496) European communist countries as a group  
see under the following numbers: 32, 327, 329.06, 330.2; 308, 7.0, 930, 94
- (497.1) Yugoslavia  
see under the following numbers: 664.0, 911, 94, 910.53
- (497.2) Bulgaria  
see under the following numbers: 02, 07, 28, 300.2, 327, 329.06, 330.2, 338.1, 341.2, 351.85, 370.17, 551, 621.311, 626.8, 66, 664.7, 664.8, 669, 725.9; 78; 910, 930.26, 94, 940.53
- (498) Rumania  
see under the following numbers: 01, 05, 28; 330.19, 62; 637; 78, 94, 940.53
- (5) Asia  
see under the following numbers: 308, 323, 333, 341.1; 347.77, 355.7, 382, 80, 930, 94
- (51) China  
see under the following numbers: 323, 323.15, 323.2; 323.33, 327, 329.06, 331.881, 334, 336, 338.6, 30, 338, 63, 930.27
- (519) Korea  
see under the following numbers: 09, 75
- (519.3) Mongolian People's Republic  
see under the following numbers: 551; 78; 911
- (52) Japan  
see under the following numbers: 323.2; 329.06; 329.14; 331.881; 334, 338.5; 340.96; 341.2; 382; 63; 633; 656.1; 662.7, 930, 930.1; 94
- (534.5) Aden  
see under the following number: 94
- (539) Arab countries as a bloc  
see under the following number: 327
- (540) India  
see under the following numbers: 10; 338.98; 398; 571; 618.9; 662.7; 78; 930.26; 931; 94
- (541.33) Sikkim  
see under the following numbers: 308; 306
- (541.35) Nepal  
see under the following number: 626, 7
- (549) Pakistan  
see under the following numbers: 312, 339, 35.08, 614
- (55) Iran  
see under the following numbers: 09, 308, 323.2, 329.14, 330.2, 910
- (56) Near East  
see under the following numbers: 32, 302, 665.5; 931; 94
- (560) Turkey  
see under the following numbers: 29, 327, 378, 94
- (564.3) Cyprus  
see under the following numbers: 28, 323, 327, 910
- (567) Iraq  
see under the following number: 07
- (569.1) Syria  
see under the following numbers: 550.8; 930.26
- (569.3) Lebanon  
see under the following number: 28
- (569.4) Israel  
see under the following numbers: 327; 355.4, 63, 911
- (569.5) Jordan  
see under the following numbers: 325; 330
- (57) Asiatic U. S. S. R.  
see under the following numbers: 338.01, 39, 610, 94
- (571) Asiatic R. S. S. R.  
see under the following numbers: 01, 02; 329.02; 338.1, 338.4, 338.9, 351.85; 37; 550.4, 550.8, 551.2, 551.48; 551.5, 551.8, 552; 553, 571, 621.0; 621.87, 622.3; 624.1, 632.95; 633; 725.4, 728, 910, 930.25; 930.26, 947, 947.084
- (571.11) Kurgan Province  
see under the following number: 631.3
- (571.12) Tyumen' Province  
see under the following numbers: 621.0; 622.2, 622.3; 658.5; 947.084
- (571.121) Yamal-Nenets National District  
see under the following number: 553.9
- (571.13) Omsk Province  
see under the following numbers: 028; 658.5; 665.5
- (571.14) Novosibirsk Province  
see under the following numbers: 02; 329.01; 338.1; 370.17; 371.1; 373.6; 621.311; 624.1, 658.5; 711.1
- (571.15) Altai Territory  
see under the following numbers: 329.01; 553; 581.1; 631.1; 631.52; 633; 657, 664.0
- (571.151) Gorno Altai Autonomous Province  
see under the following number: 552
- (571.16) Tomsk Province  
see under the following numbers: 331.881, 622.3
- (571.17) Kemerovo Province  
see under the following numbers: 331.8; 56; 621.77; 622.2; 622.3; 622.7; 622.8; 625.1, 669.1; 69, 711.4
- (571.51) Krasnoyarsk Territory  
see under the following numbers: 378, 550.4, 551.2, 551.40, 553.9, 621.311, 622.3; 620.13, 631.4, 634.0, 650.1, 69
- (571.511) Taymyr National District  
see under the following numbers: 331, 553; 570.9, 657, 669.2
- (571.512) Evenki National District  
see under the following numbers: 501.9, 505
- (571.53) Irkutsk Province  
see under the following numbers: 07, 331.1; 39, 392, 551.2, 553.9, 570.8; 581.5, 620.8, 632.0, 670
- (571.54) Buryat A. S. S. R.  
see under the following numbers: 592; 711.4, 910
- (571.55) Chita Province  
see under the following number: 07
- (571.56) Yakut A. S. S. R.  
see under the following numbers: 351.9, 550.4, 551.43, 551.48; 551.7; 553, 553.9; 561, 561.4, 561.9; 62, 631.4, 702, 910, 911
- (571.6) Soviet Far East  
see under the following numbers: 02, 561.7
- (571.61) Amur Province  
see under the following numbers: 561.48, 631.8, 633
- (571.62) Khabarovsk Territory  
see under the following numbers: 551.7; 634.0
- (571.63) Maritime Territory  
see under the following numbers: 300; 370.17; 616.0; 911; 947
- (571.64) Sakhalin Province  
see under the following numbers: 561.2, 577.4, 622.3
- (571.65) Magadan Province  
see under the following numbers: 631.5, 635.1, 657, 711.3
- (571.651) Chukchi National District  
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- (571.66) Kamchatka Province  
see under the following numbers: 343.0, 634.0
- (574) Kazakh S. S. R.  
see under the following numbers: 02; 028, 07; 197, 329.01; 331.1; 331.681; 336.1; 338.1; 34; 351.82; 351.9, 37; 370.17; 373.0; 39, 399; 482; 600, 612; 615; 616.3; 621; 621.0, 622.3, 622.4; 624; 625.7; 631; 632.0; 633; 634.0; 636.08, 636.3; 637, 655, 662.9; 664.7; 669.7, 669.1, 677; 7.0; 78; 911; 930; 947, 947.084
- (575) Central Asia  
see under the following numbers: 329.02; 39, 398, 551.3; 551.4, 553; 631.3, 631.4, 631.5, 631.6, 634.0; 7.0, 75, 911; 930.26; 931; 94; 947
- (575.1) Uzbek S. S. R.  
see under the following numbers: 02; 331.8; 331.97, 351.74; 37; 550.8; 551.7; 561.0; 568; 598.2, 621.311; 622.3, 620.8; 631.0, 631.8; 633; 634.0; 661.7; 664.7; 664.8; 677; 7.0, 711.4; 725.3, 78, 791
- (575.2) Kirghiz S. S. R.  
see under the following numbers: 02; 329.01; 37; 404.1, 551.7; 634.1; 72; 78; 911; 947
- (575.3) Tajik S. S. R.  
see under the following numbers: 07; 31; 318, 331; 39; 543.3; 561; 572; 581.0, 622.2; 622.3; 626.8; 627.8; 664.7, 677; 701; 702



(575.4) **Turkmen S. S. R.**  
see under the following numbers 546.2, 552,  
581.1, 592, 617.7, 622.2, 631.52, 633, 665.5,  
7.0, 72.03, 791, 792, 930.26

(581) **Afghanistan**  
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(591) **Burma**  
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(595) **Malay Federation**  
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(596) **Carthodia**  
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(597) **Vietnam**  
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(597.3) **South Vietnam**  
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(597.7) **North Vietnam**  
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(598) **Laos**  
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(6) **Africa**  
see under the following numbers 01; 05, 308, 323.1,  
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(62) **North East Africa, Egypt and Sudan**  
see under the following numbers 323, 324, 338,  
382, 627.8, 7.0, 930.26, 931

(64) **Morocco and Northwest African territories**  
see under the following numbers 308, 910

(65) **Algeria**  
see under the following number. 026.8

(68) **West and North Central Africa**  
see under the following numbers 308, 323, 323.2,  
323.3, 334, 338, 338.9, 338.98; 342, 35.08,  
355.2, 37, 371.1; 382, 39, 398, 650.6,  
656.635, 72.03; 73; 75, 910, 929.9, 930.26

(67) **Equatorial, South Central and East Africa**  
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355.02, 36, 910

(68) **Southern Africa (including Rhodesia)**  
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323, 323.1, 323.2; 327, 329.06; 330.18,  
338, 35.08, 355.5; 37, 382, 910

(69) **Islands around Africa**  
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(7) **North America**  
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(71) **Canada**  
see under the following number: 633; 728

(72) **Mexico**  
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(728) **Central America**  
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(729) **West Indies**  
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(729.1) **Cuba**  
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(73) **United States of America**  
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(8) **South America**  
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(810) **Indonesia**  
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(914) **Philippines (Republic)**  
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(93) **Australasia generally, Melanesia**  
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(94) **Australia (Commonwealth)**  
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(98) **Arctic and North Polar regions**  
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(99) **Antarctic, South Polar regions**  
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1968 no. 4(2252a)

Kiev. Tsentral'nyi nauchno-issledovatel'skii institut

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Trudy

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Kiev. Ukrain'skii nauchno-issledovatel'skii geologoraz-

vedchyi institut.

Trudy

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Kiev. Ukrain'skii nauchno-issledovatel'skii gidrometeoro-

logicheskii institut.

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Kishinev. Sel'skokhoziaistvennyi institut imeni M. V.

Frunze

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1986 v. 8, no. 4-5(622b) 9(622c)

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**Krasnoyarsk. Gosudarstvennyy meditsinskii institut**

Sbornik nauchnykh trudov  
1983 no. 7(328a)

**Kratkie soobshcheniya Buriatskogo kompleksnogo nauchno-issledovatel'skogo instituta**

see Ulan-Ude. Buriatskii kompleksnyi nauchno-issledovatel'skii institut, Kratkie soobshcheniya

**Kratkie soobshcheniya o dokladakh i polevykh issledovaniyakh**

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**Kursk. Gosudarstvennyi pedagogicheskii institut**

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**Kuybyshev. Gosudarstvennyi nauchno-issledovatel'skii institut neflianoi promyshlennosti.**

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Sbornik trudov  
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Trudy  
1987 no. 20 pt. 1(809a) pt. 2(809b) no. 2(2016c)

**Leningrad. Leningradskii institut epidemiologii i mikrobiologii im. Tsvetaya**

Trudy  
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1987 no. 6(2022c) 64(69b) 68(2022c)

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Nauchnyye trudy  
1986 no. 105(2047b)

**Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki.**

Trudy  
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**Leningrad. Nauchno-issledovatel'skii institut geologii**

Leningrad, Vsesoiuznyi nauchno-issledovatel'skiy geologorazvedochnyi institut  
Trudy

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1963 v. 73, no. 1 (1903c)

Lesnaya dorozh'nik

1968 v. 12, no. 3 (607b) 4-5 (1170a) 6 (1779a) 7 (1747b) 8 (2309b)

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Lietuvos TSR aukstujo mokyklu mokslo darbai: Chemija

ir cheminio technologija. Nauchnye trudy vysshikh uchebnykh zavedenii Litovskoi SSR: Khimija

ir khimicheskaja technologija

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1967 v. 8, no. 2 (824a)

Lietuvos TSR aukstujo mokyklu mokslo darbai: Elektrotehnika

ir avtomatika. Nauchnye trudy vysshikh uchebnykh zavedenii Litovskoi SSR: Elektrotehnika

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istorijos klausimai. Uchenye zapiski vysshikh uchebnykh zavedenii Litovskoi SSR: Voprosy istorii

KP Litvi

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Serija A.

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1968 v. 11, no. 1(329c) 2(1161b) 3(1408c)

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1967 v. 25, no. 12(292a)  
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1967 v. 23, no. 12(288b)  
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Novina Albaniiia  
1967 no. 5-6(1118c)  
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1967 no. 6(18a)

Novina i novost'naia ekonomicheskaya literatura  
1967 no. 10(21c) 11-12(1431a)  
1968 no. 1-3(1431a) 5-6(1078b) 7(2267b)

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1967 no.9(10(30c)) 11-12(144b)  
1968 no.1-3(144b) 4-5(2273c) 6(1982c) 7(2273c)

Novaya inostrannaya literatura po istorii, arkhologii i etnografii  
1967 no.10(18a) 11-12(142b)  
1968 no.1-4(142b) 5-7(2268a)

Novaya inostrannaya literatura po literaturovedeniiu  
1967 no.10(31c) 11-12(144b)  
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Novaya Koetsia  
1967 no.10(15a) 11-12(152b)  
1968 no.1-3(142b) 4(1704a) 5(142b) 6(1704a)  
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Novaya literatura o nauke i nauchno-issledovatel'skoi rabote za rubezhom  
1967 v.21, no.10(15b) 11-12(1427b)  
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1967 no.10(15b) 11-12(1427b)  
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Novaya literatura po Germanской Demokraticheskoi Respublikii  
1967 no.10(1427b) 12(1427b)  
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Novaya literatura po Ugostavii

1967 no.7/8-10(15b) 11-12(1427b)  
1968 no.1-3(1427b) 4-7(2262b)

Novaya literatura po obshchym problemam evropejskikh sotsialisticheskikh stran  
1967 no.3-4(1428b)  
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1967 no.8-9/10(15b) 11-12(1427b)  
1968 no.1-3(1427b) 4-5(2262b)

Novaya literatura po Rumynii

1967 no.9(15c) 11-12(1427b)  
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Novaya literatura po Vengrii

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1967 no.10(21c) 11-12(1431a)  
1968 no.1-3(1431a) 4-5(1978b) 6(2267b)

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1967 no.10(15c) 11-12(1427b)  
1968 no.1-3(1427b) 4-6(1975a)

Novaya sovetskaja i inostrannaya literatura po voprosam ateizma i religii

1967 no.0-12(1975c)  
1968 no.1-3(1975c) 4-5(2265a) 6(1975c) 7(2265a)

Novaya sovetskaja literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR

1967 no.10(15c) 11-12(152c)  
1968 no.1-2(152c) 3(824c) 5(2262b) 6(1975a) 7(2262b)

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1967 no.9/10(30c) 11-12(1440c)  
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Novaya sovetskaja literatura po istorii, arkhologii i etnografii

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Novaya sovetskaja literatura po literaturovedeniiu

1967 no.11-12(1441b)  
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1960 v.1(281b)

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Trudy  
1967 v.170(2023c)

Novoe v zhizni, nauke, tekhnike

II Seriya: Filosofija

1967 no.10(3b) 11(1a)  
1968 no.2(110a)

Novoe v zhizni, nauke, tekhnike

III Seriya: Ekonomika

1967 no.20(3a) 22(208c) 24(1103b)

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IV Seriya: Tekhnika

1967 no.10(2c) 11(9c) 12(11b)

Novoe v zhizni, nauke, tekhnike  
V Seriya: Sel'skoe khozjajstvo  
1967 no.11(268b) 12(9a)

Novoe v zhizni, nauke, tekhnike  
VI Seriya: Literatura  
1967 no.11(5a)

Novoe v zhizni, nauke, tekhnike

VII Seriya: Mezhduнародnaja

1967 no.10(3b) 21(3c) 28(3c)

Novoe v zhizni, nauke, tekhnike

VIII Seriya: Biologija

1967 no.12(846c)

Novoe v zhizni, nauke, tekhnike

IX Seriya: Fizika. Astronomija

1967 no.9(143c)

Novoe v zhizni, nauke, tekhnike

X Seriya: Molodezhnaja

1967 no.10(3a) 18(5b) 19(2246c)

Novoe v zhizni, nauke, tekhnike

XI Seriya: Khimija

1967 no.10(10c) 11(1401b) 12(7c)

Novoe v zhizni, nauke, tekhnike

XII Seriya: Estestvoznание i religija

1967 no.10(1a) 11(207a)

Novoe v zhizni, nauke, tekhnike

XV Seriya: Istoria i politika KPSS

1967 no.8(2a)

Novoe v zhizni, nauke, tekhnike

XVI Seriya: Nauchnyj kommunizm

1967 no.9(1693a) 10(1959a)

Novoe v zhizni, nauke, tekhnike

XVII Seriya: Gosudarstvo i pravo

1967 no.1(104b)

Novoe v zhizni, nauke, tekhnike

XVIII Seriya: Iskusstvo

1967 no.12(1688b)

Novoe v zhizni, nauke, tekhnike

XIX Seriya: Matematika. Kibernetika

1967 no.3(1421b) 9(7a)

Novoe v zhizni, nauke, tekhnike

XX Seriya: Prirodnaja sreda

1967 no.9(9b)

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XXII Seriya: Stroitel'stvo i arkhitektura

1967 no.12(2257c)

Novoe v zhizni, nauke, tekhnike

XXIII Seriya: Meditsina

1967 no.3(1693c) 6(1a) 10/11(273b)

Novoe v zhizni, nauke, tekhnike

Seriya "Biologija"

1968 no.3(1692b) 4(1908b) 5(1903c) 6(2251a)

Novoe v zhizni, nauke, tekhnike

Seriya "Ekonomika"

1968 no.2(1102c) 3(1102b) 4(1686a)

Novoe v zhizni, nauke, tekhnike

Seriya "Estestvoznание i religija"

1968 no.4(1697b) 5(2247a) 6(1957b) 8(2245b)

Novoe v zhizni, nauke, tekhnike

Seriya "Filosofija"

1968 no.4(1691c) 6(1909a)

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1968 no.1(1081b) 2(1113c) 3(1412b) 4(1692a) 5(2251c)

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Seriya "Gosudarstvo i pravo"

1968 no.2(1104b) 5(1698a)

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Seriya "Iskusstvo"

1968 no.2(1104c) 3(1104c) 6(1901a)

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Seriya "Istoria"

1968 no.4(1685c) 6(2249a)

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1968 no.3(1690a) 4(1957c)

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Seriya "Nauchnyj kommunizm"

1968 no.2(1102c) 3(1685b) 6(2246b)

Novoe v zhizni, nauke, tekhnike

Seriya "Nauka o Zemle"

1968 no.2(1107b) 5(1690b)

Novoe v zhizni, nauke, tekhnike

Seriya "Radioelektronika i svyaz"

1968 no.5(1688a) 6(2257c)

Novoe v zhizni, nauke, tekhnike  
Seriya "Sel'skoe khozjajstvo"  
1968 no.3(1109c)

Novoe v zhizni, nauke, tekhnike  
Seriya "Stroitel'stvo i arkhitektura"  
1968 no.5/6(1965c)

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1967 v.25, no.50(24a) 52(24a)

1968 v.2a, no.1(24a) 2-3(24b) 4(290a) 7(558c)

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34(1880b) 35-36(2270c)

Novokuznetskij Gosudarstvennyj institut dlia usovershenstvovaniia vrachei

Trudy  
1966 no.33(329c)

Novosibirskij Institut inzhenerov vodnogo transporta

Trudy  
1966 no.21(95c) 59(615 c)

Novosibirskij Institut inzhenerov zheleznodorozhnogo transporta

Trudy  
1967 no.50(221b)

Novye issledovanija v pedagogicheskikh naukakh

1966 no.8(563b)

1967 no.8(292a)

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1967 no.49-51(95c) 52(1427b)

1968 no.2(15c) 3(1427b) 4(15c) 5(1427b) 6-9(1427b)

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28-32(1704a) 33(1975a) 35-37(1976a)

38(2262b) 40(2262b)

Novye knigi za rubezhom. Seriya A:

Matematika, mekhanika, astronomija, geofizika, fizika, khimija, geologija, fizicheskaja geografija

1967 v.20, no.11(144b)

1968 v.21, no.1-6(144b) 8(1091a)

Novye knigi za rubezhom. Seriya B:

Tekhnika

1967 no.12(1441a)

1968 no.1-6(1441a) 8(231a)

Novye knigi za rubezhom. Seriya V. Biologija, meditsina, sel'skoe khozjajstvo

1967 v.11, no.12(1427b)

1968 v.12, no.1-4(1427b) 5(2262b) 6(1427b) 7(1704a)

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Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofija, istozhina, mezhduнародnye otnoshenija

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1968 v.11, no.1-4(1427b) 6(1427b) 7(1704b) 8(2262c)

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1967 no.9-10(20a) 11(291b)

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1968 v.12, no.2-5(1117a) 6-8(2260b)

Obshchestvo vektorov voiko vojni, San Francisco.

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1966 v. 6, no. 4-5(34a)  
1967 v. 7, no. 6(297c)  
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- Okhota i okhotnich'e khoziaistvo  
1968 v. 14, no. 2-3(606c) 4-5(169a) 6(1478c) 7-8(2020b) 9(2309a)
- Okhrana truda i sotsial'noe strakhovanie  
1967 v. 10, no. 12(22a)  
1968 v. 11, no. 1-2(123c) 3(1432b) 4(1976b) 5(1123c) 6(1979b)
- Omsk. Institut inzhenerov zheleznodorozhnogo transporta  
Nauchnye trudy  
1965 no. 55(2052b) 60(2052b)  
1967 v. 7(2333c) 80(1502a) 89(2333c)
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1966 v. 60, no. 1(872b)  
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- Onchyko  
1968 no. 1-4(2274a)
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1968 no. 67(1447b)
- Optika i spektroskopii  
1967 v. 23, no. 3(860a) 5(1155c) 6(1166a)  
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- Optiko-mekhanicheskaya promyshlennost'  
1966 v. 33, no. 1(107a)  
1967 v. 34, no. 0(84a) 12(898a)  
1968 v. 35, no. 1(107a) 2(1502a) 3(107a) 4(1771c)
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1967 no. 18(1740b)
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- Organizatsiya i planirovanie otraslei narodnogo khoziaistva  
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- Organizatsiya i upravlenie nefteodobyval'shchey promyshlennosti  
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1968 no. 1(827c) 2(1707c) 3(1978b)
- Orthodox Eastern Church, Russian, Patriarch.  
Zhurnal Moskovskoi Patriarkhii  
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- Ortopediya, travmatologiya i protezirovanie  
1967 v. 28, no. 8(65c) 9(240b) 11(340c) 12(605a)  
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- Osnovaniya, fundameny i mekhanika grunтов  
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- Osnovy razmatodologii see Akademiya nauk SSSR, Gel'minologicheskaya laboratoriya, Osnovy nematodologii
- Otvechaniya na voprosy rabochikh i sluzhashchikh  
1967 no. 24(1980c) 25(1437c)  
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- Ovyd  
1968 v. 18, no. 3-4(1118c)
- PMTF; zhurnal prikladnoi mekhaniki i tekhnicheskoi fiziki  
1967 no. 5(609a) 6(1174c)  
1968 no. 2(1748c)
- Padomju Latvijas komunistu  
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1967 no. 12(1124b)  
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- Pamiatniki pis'mennosti Vostoka  
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- Parazitologiya  
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1967 v. 10, no. 6(1436b)  
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- Partiinaya zhizn' Kazakhstana  
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1967 no. 18(1702a)
- Penza, Politehnicheskii Institut.  
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1966 no. 3(1740a)
- Pets'et  
1967 v. 41, no. 22-24(233a)  
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- Pergale  
1968 no. 1-2(296a) 3-5(1130b) 6(1441b) 7-8(2274a)
- Perm. Gosudarstvennyi meditsinskii Institut.  
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1967 v. 75, no. 3(1460a) 6(2012b)
- Perm. Pedagogicheskii Institut.  
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1967 no. 4(1702a)
- Perm. Universitet.  
Uchenye zapiski  
1962 no. 24, pt. 3(1117c)  
1965 no. 132(551a)  
1966 no. 131(201c) 143(551a) 150(551a) 159(281c)  
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1968 no. 6 (830a)
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1966 v. 10(282b)
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Uchenye zapiski  
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1967 v. 44, no. 12(15a)  
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1966 no. 10-11(1197b)
- Pribory i sistemy avtomatiki  
1967 no. 5(1765a)
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Eesti NSV Teaduste Akademiia Kibernetika Instituut,  
Programmy dlia ETsVM "Minsk-2"

**Proizvodstvo i i ub see** Dnepropetrovsk, Ukrain'skyl  
naukovo-doslidnyi i ubnyi instytut Proizvodstvo  
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1967 no. 8(2316a) 9(2316b) 10(2316c)

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1967 v. 3(119a) 4(2302c)  
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1967 no. 12(552b)  
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1968 no. 1-2(289b) 3(558a) 4-5(1123c) 6(1432c)  
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1967 v. 12, no. 1(78c)  
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1967 no. 12(1778c)

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1965 v. 31, no. 6(2058c) 6(2059a)  
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1968 v. 26, no. 4(1786a) 5(2005a)

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**Referativnyi zhurnal: Aviatsonnyye i  
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1967 no. 10-12(72b)  
1968 no. 1-2(610b) 3-5(1482c)

**Referativnyi zhurnal: Avtomatika, tele-  
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**Referativnyi zhurnal: Avtomobil'nye dorogi**  
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**Referativnyi zhurnal: Avtomobil'nyi i  
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1967 no. 20-21(43c) 22-24(580b)  
1968 no. 1-3(580b) 4(1449a) 5(580b) 6(1449a)  
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1967 no. 12(79a)  
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**Referativnyi zhurnal: Farmakologiya,  
khimioterapevticheskie sredstva, Toksikolo-  
giya (Oldel'nyi vypusk 54)**  
1967 no. 1(658a) 12(803b)  
1968 no. 1-3(1474a) 4-7(1744a)

**Predmetnyy ukazatel' za 1966 g. (1744a)**  
Referativnyi zhurnal. Fizika  
1967 no. 12(54a)  
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Predmetnyy ukazatel' za 1967 g. (54a)

**Referativnyi zhurnal: Dvigateli vnutrenne-  
go sgoraniya (Oldel'nyi vypusk 39)**  
1967 no. 10-11(84b) 12(620a)  
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1967 no. 11(84b) 12(620a)  
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vypusk 52)**  
1967 no. 6(1445b) 11(39c)  
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**Referativnyi zhurnal: Geofizika**  
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**Referativnyi zhurnal: Geografiya**  
1967 no. 12(34b)  
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1967 no. 12(61a)  
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**Referativnyi zhurnal: Gornyye mashiny  
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1968 no. 1-2(1506b) 3(1780b) 4(1506b) 5-7(1780b)  
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**Referativnyi zhurnal: Iaderanye reaktory  
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1967 no. 11(79a) 12(620b)  
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**Referativnyi zhurnal: Issledovanie kosmi-  
cheskogo prostranstva (Oldel'nyi vypusk  
62)**  
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1968 no. 1-2(577b) 3(1716c) 4-5(1445b) 6-7(1716c)  
8(2286b)  
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**Referativnyi zhurnal: Khimicheskoe i  
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vypusk 47)**  
1967 no. 11(76a) 12(612c)  
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**Referativnyi zhurnal: Khimiya**  
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13 pt. 1-2(2204a)

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1967 no. 10(38c) 11-12(577a)  
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1967 no. 11(84b) 12(620a)  
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(Oldel'nyi vypusk 42)**  
1967 no. 12(620a)  
1968 no. 1-3(1502b) 5-7(1772b)

**Referativnyi zhurnal: Legkaya promysh-  
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1967 no. 11-12(82a)  
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**Referativnyi zhurnal. Lesovodeniye i lesa-  
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1967 no. 10-11(68a)  
1968 no. 1-3(1479b) 5-7(1747b)  
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**Referativnyi zhurnal: Mashinostroyeniye  
materialy, konstruktory i raschet dotalol  
mashin. Gidropriklad (Oldel'nyi vypusk  
48)**  
1967 no. 10-11(84b) 12(620a)  
1968 no. 1-3(1502b) 5-7(1772b)  
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**Referativnyi zhurnal: Matematika**  
1968 no. 1-3(580b) 3-4(1462a)

**Referativnyi zhurnal: Meditsinskaya geo-  
grafiya (Oldel'nyi vypusk 36)**  
1967 no. 3(1463c) 9(580a) 11-12(58c)  
1968 no. 1-2(593a) 3-5(1463c) 6(1741b) 7(2013a)  
Predmetnyy i geograficheskii ukazatel' za 1966 g. (580a)

**Referativnyi zhurnal: Mekhanika**  
1967 no. 12(503c)  
1968 no. 1-3(593c) 4-5(1467a) 7(1735c) 8(2302b)

**Referativnyi zhurnal: Metallurgiya**  
1967 no. 11(04a) 12(031c)  
1968 no. 1-6(1505b) 7(1780c) 8(2339b)  
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Referativnyi zhurnal. *Metiologiya i izmeritel'naya tekhnika* (Otdel'nyi vypusk 32)  
1967 no. 11(71a) 12(609b)  
1968 no. 1(1481b) 2(609b) 3(1481b) 5(1481b) 6(1740c)  
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Predmetnyi ukazatel' za 1966 g. (1481b)  
Referativnyi zhurnal. *Nasosostroenie i kompressorostroenie* (Otdel'nyi vypusk 61)  
1967 no. 12(620b)  
1968 no. 1-3(1502b) 5-6(1502b) 7(1772b) 8(2334a)  
Predmetnyi ukazatel' za 1967 g. (1502b)

Referativnyi zhurnal. *Nauchnaya i tekhnicheskaya informatsiya* (Otdel'nyi vypusk 59)  
1967 no. 12(71a) 12(609)  
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Referativnyi zhurnal. *Oborudovanie pishchevoi promyshlennosti* (Otdel'nyi vypusk 30)  
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see Leningrad, Vsesoiuznogo nauchno-issledovatel'skii institut gornoi geometkhaniki i maishestroiskogo dela

Sbornik Muzeia antropologii i etnografii  
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Sbornik nauchno-issledovatel'skikh rabot Tashkentskogo iekstsil'nogo instituta  
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Sbornik Nauchno-issledovatel'skogo instituta gidrometeorologicheskogo priboro-stroenia  
see Leningrad, Nauchno-issledovatel'skii institut gidrometeorologicheskogo priboro-stroenia, Sbornik

Sbornik nauchnoi informatsii Nauchnogo soveia po effektivnosti osnovnykh fondov kapital'nykh vlozhenii i novoi tekhniki  
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Sbornik nauchnykh rabot Dal'nevostochnogo nauchno-issledovatel'skogo instituta po stroitel'stvu, see Vladivostok, Dal'nevostochnyi nauchno-issledovatel'skii institut po stroitel'stvu, Sbornik nauchnykh rabot

Sbornik nauchnykh rabot Moskovskogo instituta narodnogo khoziaistva  
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Sbornik nauchnykh trudov Bashkirskogo gosudarstvennogo meditsinskogo instituta  
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Sbornik nauchnykh trudov Belorusskogo nauchno-issledovatel'skogo instituta zemledelia  
see Minsk, Belorusskii nauchno-issledovatel'skii institut zemledelia, Sbornik nauchnykh trudov

Sbornik nauchnykh trudov Instituta gornogo dela  
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Sbornik nauchnykh trudov Krasnoyarskogo meditsinskogo instituta  
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Sbornik nauchnykh trudov Uralskogo politekhnicheskogo instituta  
see Sverdlovsk, Uralskii politekhnicheskii institut, Sbornik nauchnykh trudov

Sbornik nauchnykh trudov Vsesoiuznogo nauchno-issledovatel'skogo instituta metallurgicheskoi topotekhniki  
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Sbornik postanovlenii Vsesoiuznogo tsentral'nogo soveia professional'nykh soizuzov  
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Sbornik rabot Vychislitel'nogo tsentra  
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Sbornik trudov Instituta inzhenerov zhelez-nodorozhnogo transporta  
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- Seminar "Avtomatizatsia programirovaniia"  
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1967 no. 2-3(1000b)
- Seminar "Elektromoe modelirovanie zadach mekhaniki"  
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- Seminar "Informatsionno-upravliashchie sistemy"  
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- Seminar "Metody matematicheskogo modelirovaniia i teorii elektricheskikh tspelei"  
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1997 no. 15(2341b)

Sverdlovsk. Institut metallurgii

Trudy

1996 no. 13(92a)

Sverdlovsk. Ural'skiy elektromekhanicheskiy institut inzhenerov zheleznodorozhnogo transporta. Trudy

1985 no. 11(102c)

1990 no. 12(1766a)

Sverdlovsk. Ural'skiy gosudarstvennyy universitet. Uchenyye zapiski

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- Trudy Belorusskogo nauchno-issledovatel'skogo  
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- Trudy Botanicheskogo instituta see Akademiya nauk  
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- Trudy Buriatskogo sel'skokhoziaistvennogo  
instituta see Ulan-Ude, Buriatskii sel'skokhoziaistvennyi  
institut, Trudy
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khoezai'stva, Trudy
- Trudy Dal'nevostochnogo filiala Akademii nauk  
SSSR see Akademiya nauk SSSR, Dal'nevostochnyi  
filial, Vladivostok Trudy
- Trudy (Sbornik trudov) Dnepropetrovskogo  
instituta inzhenerov zheleznodorozhnogo transporta  
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transporta, Trudy (Sbornik Trudov)
- Trudy Fizicheskogo instituta see Akademiya nauk  
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- Trudy Geograficheskogo obshchestva Gruzinskoi  
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- Trudy Gorkovskogo inzhenerno-stroitel'nogo  
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- Trudy Gorkovskogo politekhnicheskogo instituta  
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- Trudy Gosudarstvennogo meditsinskogo instituta  
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psikhonevrologicheskogo instituta see Leningrad,  
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institut, Trudy
- Trudy Gosudarstvennogo proektiro-konstruktor'skogo  
i nauchno-issledovatel'skogo instituta morskogo  
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- Trudy Gosudarstvennogo okeanograficheskogo  
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- Trudy Groznenskogo neflanogo nauchno-issledovatel'skogo  
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- Trudy Instituta biologii vnutrennikh vod see  
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Trudy
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- Trudy Instituta iadernoi fiziki Akademii nauk  
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- Trudy Instituta po khovovedeniya i agrokhimii Akademii nauk  
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- Trudy Instituta sadovodstva Akademii nauk Tadzhikskoi  
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- Trudy Morskogo gidrofizicheskogo instituta Akademii nauk USSR see Akademiia nauk USSR, Kiev. Morskii gidrofizicheskii institut. Trudy
- Trudy Moskovskogo instituta inzhenerov zheleznodorozhnogo transporta see Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta Trudy
- Trudy Moskovskogo instituta narodnogo khoziaistva see Moscow. Institut narodnogo khoziaistva. Trudy
- Trudy Moskovskogo instituta neftokhimicheskoi i gazovoi promyshlennosti see Moscow. Institut neftokhimicheskoi i gazovoi promyshlennosti. Trudy
- Trudy Moskovskogo khimiko-tekhnologicheskogo instituta see Moscow. Khimiko-tekhnologicheskii institut. Trudy
- Trudy Moskovskogo matematicheskogo obshchestva see Moskovskoe matematicheskoe obshchestvo. Trudy
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- Trudy Moskovskogo obshchestva ispytatelei prirody see Moskovskoe obshchestvo ispytatelei prirody. Trudy
- Trudy Moskovskogo torfianogo instituta see Moscow. Torfianoi institut. Trudy
- Trudy Moskovskogo Vsesoiuznogo nauchno-issledovatel'skogo instituta fiziologii i biokhimiil sol'skokhoziaistvennykh zhivotnykh see Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut fiziologii i biokhimiil sol'skokhoziaistvennykh zhivotnykh
- Trudy Moskovskogo Vsesoiuznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta see Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy
- Trudy Murmanskogo morskogo biologicheskogo instituta see Akademiia nauk SSSR. Murmanskii morskii biologicheskii institut. Trudy
- Trudy Nauchno-issledovatel'skogo instituta aeroklimatologii see Moscow. Nauchno-issledovatel'skii institut aeroklimatologii. Trudy
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- Trudy Nauchno-issledovatel'skogo instituta geologii Arkтики see Leningrad Nauchno-issledovatel'skii institut geologii Arkтики Trudy
- Trudy Nauchno-issledovatel'skogo kinofoto instituta see Moscow. Nauchno-issledovatel'skii kinofotoinstitut Trudy
- Trudy Novocheboksarskogo politekhnicheskogo instituta see Novocherkassk. Politekhnicheskii institut Trudy
- Trudy Novokuznetskogo gosudarstvennogo instituta dlia usovershenstvovaniia vrachei see Novokuznetsk. Gosudarstvennyi institut dlia usovershenstvovaniia vrachei. Trudy
- Trudy Novosibirskogo instituta inzhenerov vodnogo transporta see Novosibirsk. Institut inzhenerov vodnogo transporta Trudy
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- Trudy (Nauchnye trudy) Omskogo sel'skokhoziaistvennogo instituta see Omsk Sel'skokhoziaistvennyi institut. Trudy (Nauchnye trudy)
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- Trudy politekhnicheskogo instituta see Akutsk. Politekhnicheskii institut. Trudy
- Trudy Rostovskogo instituta inzhenerov zheleznodorozhnogo transporta see Rostov-on-Don. Institut inzhenerov zheleznodorozhnogo transporta. Trudy
- Trudy Sakhalinskogo kompleksnogo nauchno-issledovatel'skogo instituta see Akademiia nauk SSSR. Sakhalinskii kompleksnyi nauchno-issledovatel'skii institut. Trudy
- Trudy Saratovskogo gosudarstvennogo meditsinskogo instituta see Saratov. Meditsinskii institut. Trudy
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- Trudy Seminara po vektornomu i tenzornomu analizu s ikh prilozheniiami k geometrii, mekhanike i fizike see Moscow Universitet. Nauchno-issledovatel'skii institut matematiki. Trudy Seminara po vektornomu i tenzornomu analizu s ikh prilozheniiami k geometrii, mekhanike i fizike
- Trudy Semipalatinskogo meditsinskogo instituta see Semipalatinsk. Meditsinskii institut. Trudy
- Trudy Severo-Osetinskogo gosudarstvennogo meditsinskogo instituta see Ordzhonikidze. Severo-Osetinskii gosudarstvennyi meditsinskii institut. Trudy
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- Trudy Tallinskogo politekhnicheskogo instituta see Tallinn. Polutekhnine institut. Toimetus Trudy Tallinskogo politekhnicheskogo instituta
- Trudy Tashkent'skogo instituta inzhenerov zheleznodorozhnogo transporta see Tashkent. Institut inzhenerov zheleznodorozhnogo transporta. Trudy
- Trudy Tashkent'skogo politekhnicheskogo instituta see Tashkent. Politekhnicheskii institut. Trudy
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- Trudy Tom'skogo nauchno-issledovatel'skogo instituta vaktain i syvorotok see Tomsk. Nauchno-issledovatel'skii institut vaktain i syvorotok. Trudy
- Trudy Tsentral'no-Chernozemnogo gosudarstvennogo zapovednika see Tsentral'no-Chernozemnyi gosudarstvennyi zapovednik. Trudy
- Trudy Tsentral'nogo instituta prognozov see Moscow Tsentral'nyi institut prognozov. Trudy
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- Trudy Tsentral'nogo nauchno-issledovatel'skogo instituta ekonomiki i ekspluatatsii vodnogo transporta see Moscow. Tsentral'nyi nauchno-issledovatel'skii institut ekonomiki i ekspluatatsii vodnogo transporta Trudy
- Trudy Tsentral'nogo nauchno-issledovatel'skogo instituta geodezii, aerofotemkii i kartografii see Moscow. Tsentral'nyi nauchno-issledovatel'skii institut geodezii, aerofotemkii i kartografii. Trudy
- Trudy Tsentral'nogo nauchno-issledovatel'skogo instituta khlebopiekarnoi promyshlennosti see Moscow. Tsentral'nyi nauchno-issledovatel'skii institut khlebopiekarnoi promyshlennosti. Trudy
- Trudy Tsentral'nogo nauchno-issledovatel'skogo instituta sakharnoi promyshlennosti see Kiev Tsentral'nyi nauchno-issledovatel'skii institut sakharnoi promyshlennosti. Trudy
- Trudy Tsentral'noi geneticheskoi laboratorii see Michurinsk Tsentral'naiia geneticheskaiia laboratoria imeni I.V. Michurina. Trudy
- Trudy Turkmen'skogo gosudarstvennogo meditsinskogo instituta see Ashkhabad. Turkmen'skii gosudarstvennyi meditsinskii institut. Trudy
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- Trudy Universiteta družby narodov see Moscow. Universitet družby narodov. Trudy
- Trudy Ural'skogo elektromekhanicheskogo instituta inzhenerov zheleznodorozhnogo transporta see Sverdlovsk. Ural'skii elektromekhanicheskii institut inzhenerov zheleznodorozhnogo transporta. Trudy
- Trudy Ural'skogo lesotekhnicheskogo instituta see Sverdlovsk. Ural'skii lesotekhnicheskii institut. Trudy

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Trudy Vsesoluznogo nauchno-issledovatel'skogo instituta khlopkovodstva *see* Tashkent. Vsesoluznyi nauchno-issledovatel'skii institut khlopkovodstva. Trudy

Trudy Vsesoluznogo nauchno-issledovatel'skogo instituta magnitnoi zapisi i tekhnologii radioveshchanii i televideniia *see* Moscow. Vsesoluznyi nauchno-issledovatel'skii institut magnitnoi zapisi i tekhnologii radioveshchanii i televideniia. Trudy

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Trudy Vsesoluznogo nauchno-issledovatel'skogo instituta miasnoi promyshlennosti *see* Moscow. Vsesoluznyi nauchno-issledovatel'skii institut miasnoi promyshlennosti. Trudy

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Trudy Vsesoluznogo nauchno-issledovatel'skogo instituta sel'skokhoziaistvennogo mashinostroeniia *see* Moscow. Vsesoluznyi nauchno-issledovatel'skii institut sel'skokhoziaistvennogo mashinostroeniia. Trudy

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Trudy Vsesoluznogo nauchno-issledovatel'skogo instituta zerna i produktov ego pererabotki *see* Moscow. Vsesoluznyi nauchno-issledovatel'skii institut zerna i produktov ego pererabotki. Trudy

Trudy Vsesoluznogo nauchno-issledovatel'skogo instituta zheleznodorozhnogo transporta *see* Moscow. Vsesoluznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy

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IN THIS ISSUE:  
ANNUAL AUTHOR INDEX TO MONOGRAPHS

# Monthly Index *of* Russian Accessions



Volume 22, No. 2

February 1969

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## INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS\* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of four parts. Part A lists monographic literature, but no accessions published earlier than 1960 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1960. Tables of contents in English translation are provided for most periodicals listed.

Part C provides subject analysis of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

Beginning Volume 21 No. 1 (April 1968) the subject headings previously used in Part C are replaced by classes based on the Universal Decimal Classification. Beginning Volume 22 No. 2 (February 1969) the Universal Decimal Classification classes also replace the subject classes formerly used in Part A. A guide to the classes used and an alphabetical index to the names of these classes is to be found before Part A of each *Monthly Index* issue.

Part D lists monographic works recently cataloged by the Library of Congress in English or in the major Western European languages (French, German, Italian, Spanish) on Russia or the Soviet Union, or by Russian or Soviet authors. Each listed monograph is followed by the Library of Congress call number and by the printed L. C. card number.

In Parts B and D the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

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\* Volumes 1-10 (No. 9), 1948-1957, issued under title *Monthly List of Russian Accessions*.

# MONTHLY INDEX OF RUSSIAN ACCESSIONS

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**VNESHNIAIA TORGOVLYA [FOREIGN TRADE]** Organ of Ministerstvo vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U.S.S.R.]. Moscow, vol. 48, no. 8, 1968.

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- Krot, M., Kuz'min, A. - Problems of supplying materials and equipment to the petroleum production enterprises of Western Siberia, p. 10.
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- Smehova, V. M. - Developing basic principles of the classification of the branches of national economy in the statistics of the U.S.S.R. and foreign countries, p. 3.
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[STUDIES BY THE DEPARTMENTS OF SOCIAL  
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no. 8, 1968. The CPSU in the struggle for socialism  
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## 14. MEDICINE

## a. GENERAL

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VESTNIK PROTIVOVOSDUSHNOI OBORONY [AIR DEFENSE REVIEW]. Published by Voennoe izdatel'stvo Ministerstva oborony SSSR [Military Publishing House of the Ministry of Defense of the U. S. S. R.] Moscow, no. 6, June 1968.

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VOENNYI VESTNIK [MILITARY REVIEW]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U. S. S. R.]. Moscow, vol. 48, no. 11, Nov. 1968.

#### b. NAVAL SCIENCE

KATERA I YAKHTY [MOTORBOATS AND SAILBOATS]. Leningrad, no. 15, 1968.

MORSKOI FLOT [THE MERCHANT MARINE]. Issued by Ministerstvo morskogo flota SSSR [Ministry of the Merchant Marine of the U. S. S. R.]. Moscow, no. 9, Sep. 1968.

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SUDOSTROENIE [SHIPBUILDING]. Organ of Ministerstvo sudostroitel'noi promyshlennosti SSSR and Nauchno-tekhnicheskoe obshchestvo sudostroitel'noi promyshlennosti [Ministry for the Shipbuilding Industry of the U. S. S. R. and the Scientific Technological Society of the Shipbuilding Industry]. Leningrad, vol. 58, no. 8 (309), Aug. 1968.

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## PART C

### List of Periodicals Indexed and Abbreviations Used

Agitator (6)	Agitator	Dokl. po ekon. geogr. SSSR (12b)	Doklady po ekonomicheskoi geografii SSSR [Reports on Economic Geography of the U. S. S. R.]
Agrokhimia (15a)	Agrokhimia [Agrochemistry]	Dokl. po geogr. i nas. (12c)	Doklady po geografii naseleniia [Reports on Population Geography]
Alg i log (13e)	Akademii nauk SSSR. Sibirskoe otdelenie Seminar algebr y i logiki. Algebra i logika [Academy of Sciences of the U. S. S. R. Siberian Department Seminar of Algebra and Logic. Algebra and Logic]	Dokl. Vost. kom. Geogr. ob-va SSSR (12b)	Geograficheskoe obshchestvo SSSR, Vostochnaia komissiya. Doklady [Geographical Society of the U. S. S. R. Eastern Committee. Reports]
Antibiotiki (14f)	Antibiotiki [Antibiotics]	Ekon. i mat. metod. (5b)	Ekonomika i matematicheskie metody [Economics and Mathematical Methods]
Arkh. anat., gist. i embr. (13c)	Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]	Ekon. Rad. Ukr. (5b)	Ekonomika Radians'koi Ukrainy [Economics of the Soviet Ukraine]
Arkh. pat. (14e)	Arkhiv patologii [Archives of Pathology]	Ekon. sel'khoz. (5b)	Ekonomika sel'skogo khozaistva [Economics of Agriculture]
Arkh. eologiya (4b)	Arkh. eologiya [Archaeology]	Ekon. stroit. (5b)	Ekonomika stroitel'stva [Economics of Construction]
Atom. energ. (13f)	Atomnaya energiya [Atomic Energy]	Elektrichestvo (16e)	Elektrichestvo [Electricity]
Atom. tekhn. za rub. (16e)	Atomnaya tekhnika za rubezhom [Nuclear Engineering Abroad]	Elektrotekhnika (16e)	Elektrotekhnika [Electrical Engineering]
Av. i kosm. (16b)	Aviatsiya i kosmonavtika [Aviation and Astronautics]	Energi. stroit. (16e)	Energeticheskoe stroitel'stvo [Power Construction]
Avt. dor. (16d)	Avtomobil'nye dorogi [Highways]	Energokhoz. za rub. (16e)	Energokhoziaistvo za rubezhom; prilozhenie k zhurnalu "Elektricheskie stantsii" [Electric Power Production and Utilization in Foreign Countries; Supplement to the Periodical "Electric Power Stations"]
Avt. prom. (16g)	Avtomobil'naya promyshlennost' [Automobile Industry]	Energomashino-stroenie (16g)	Energomashinostrouenie [Power Machinery Construction]
Avt. transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]	Etal. vrem. v sred. mom. pered. radiosig. (13b)	Etalonnoe vremia v srednie momenty peredach radiosignal'ov [Official Time at Mean Moments of Radio Signal Transmissions]
Aviom. svar. (16f)	Akademii nauk URSR, Kiev. Institut elektrosvarivaniia. Avtomaticheskaya svarka [Academy of Sciences of the Ukrainian S. S. R. Institute of Electric Welding. Automatic Welding]	Farmatsiya (14f)	Farmatsiya [Pharmacy]
Azerb. khim. zhur. (13d)	Azerbaidzhanskii khimicheskii zhurnal [Azerbaijan Chemical Journal]	Fin. SSSR (5c)	Finansy SSSR [Finance of the U. S. S. R.]
Azerb. med. zhur. (14a)	Azerbaidzhanskii meditsinskii zhurnal [Azerbaijan Medical Journal]	Fiz. gov. i vzryva (13f)	Fizika goreniia i vzryva [Physics of Combustion and Blasting]
Bibliot. SSSR (2b)	Biblioteki SSSR [Libraries of the U. S. S. R.]	Fiz. mel. i metallovod. (16h)	Fizika metallov i metallovedenie [The Physics of Metals and Metallography]
Biokhimia (13c)	Biokhimia [Biochemistry]	Fiz. tver. tela (13f)	Fizika tverdogo tela [Solid State Physics]
Biul. Inst. leor. astron. (13b)	Akademii nauk SSSR. Institut teoreticheskoi astronomii. Biulleten' [Academy of Sciences of the U. S. S. R. Institute of Theoretical Astronomy. Bulletin]	Fiziol. rast. (13c)	Fiziologiya rastenii [Physiology of Plants]
Biul. MOIP Old. biol. (13c)	Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Okol. biologicheskii [Moscow. Naturalists' Society. Bulletin. Biological Section]	Fiziol. zhur. (13c)	Fiziologicheskii zhurnal SSSR [Physiological Journal of the U. S. S. R.]
Biul. mezhdunar. nauch. s'ezd., konf. i kongr. (1a)	Biulleten' mezhdunarodnykh nauchnykh s'ezdov, konferentsii i kongressov [Bulletin of International Scientific Meetings, Conferences, and Congresses]	Fiziol. zhur. [Ukr.] (13c)	Fiziologichnyi zhurnal [Physiological Journal]
Biul. Min. vys. i sred. spets. obr. SSSR (8a)	Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Biulleten' [Ministry of Higher and Secondary Specialized Education. Bulletin]	Gello-tekhnika (16a)	Geliotekhnika [Solar Energy Engineering]
Bim. stroit. tekhn. (16d)	Biulleten' stroitel'noi tekhniki [Bulletin of Construction Engineering]	Geofiz. app. (12c)	Geofizicheskaia apparatura [Geophysical Instruments]
Bot. zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]	Geol. i geofiz. (12c)	Geologiya i geofizika [Geology and Geophysics]
Bud. mat. i konstr. (16d)	Budovoi materialy i konstruktii [Building Materials and Construction Elements]	Geol. i nefti i gaza (16h)	Geologiya nefti i gaza [The Geology of Petroleum and Gas]
ch. et	Bukhgalterskii uch. et [Accounting]	Geol. rud. mestorozh. (16h)	Geologiya rudnykh mestorozhdenii [Geology of Ore Deposits]
	Bur. et [Drilling]	Geomag. i aer. (13f)	Geomagnetizm i aeronomiya [Geomagnetism and Aeronomy]
	Differentsial'nye uravneniia [Differential Equations]	Gidr. i mel. (16a)	Gidrotekhnika i melioratsiya [Hydraulic Engineering and Reclamation]
sel'-	Vsesojuznaia akademiia sel'skokhoziaistvennykh nauk im. I. V. Lenina. Doklady [Leningrad Academy of Agricultural Sciences. Reports]	Gidrobiol. zhur. (13c)	Gidrobiologicheskii zhurnal [Hydrobiological Journal]
m.	Akademii nauk Armianskoi SSR, Erivan. Doklady [Academy of Sciences of the Armenian S. S. R. Reports]	Gidroliz. i lesokhim. prom. (16e)	Gidroliznaya i lesokhimicheskaya promyshlennost' [Hydrolysis and Wood Chemistry Industry]
erb.	Akademii nauk Azerbaidzhanskoi SSR, Baku. Doklady [Academy of Sciences of the Azerbaijan S. S. R. Reports]	Gor. khoz. Mosk. (16d)	Gorodskoe khoziaistvo Moskvy [Municipal Economy of Moscow]
ir	Akademii nauk SSSR. Doklady [Academy of Sciences of the U. S. S. R. Reports]	Gor. zhur. (16h)	Gornyi zhurnal [Mining Journal]
ikh.	Akademii nauk Tadzhikskoi SSR, Dushanbe. Doklady [Academy of Sciences of the Tajik S. S. R. Reports]	Grud. khir. (14h)	Grudnaya khirurgiya [Thoracic Surgery]

Inform. biul. nov. inostr. knig, postup v Bibl. im V. I. Len. Ser. 1 (2a)	Moscow. Publichnaya biblioteka. Informatsionnyy biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina Seriya 1 Fiziko-matematicheskije i khimicheskie nauki, nauki o zemle, tekhnika i tekhnicheskije nauki [Public Library y Informatsionnyy Biulleten of New Foreign Books, Received by the Lenin Library Series 1: Physical, Mathematical, and Chemical Sciences, Earth Sciences, Technology and Technological Sciences]	Izv. vys. ucheb. zav., stroit. arkhit. (10b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy, stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Physics]
Inform. biul. nov. inostr. knig, postup v Bibl. im V. I. Len. Ser. 3 (2a)	Moscow. Publichnaya biblioteka. Informatsionnyy biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina Seriya 3 Obshchestvennyye nauki, khudozhestvennaya literatura, isskustvo [Public Library y Informatsionnyy Biulleten of New Foreign Books Received by the Lenin Library Series 3, Social Sciences, Belles-Lettres, Art]	Izv. vys. ucheb. zav., tekhn. i prom. (10f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy; tekhnologiya legkoi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of Light Industry]
Inform. biul. VDNKH (16a)	Moscow. Vystavka dostizheniy narodnogo khozaystva SSSR. Informatsionnyy biulleten' [Exhibition of Achievements of the National Economy of the U.S.S.R. Information Bulletin]	Kardiologiya (14a)	Kardiologiya [Cardiology]
Inform. ukaz. bibl. spis. i kart. (2a)	Informatsionnyy ukazatel' bibliograficheskikh spisokov i kartelek, sostavlyennykh bibliotekami Sovetskogo Soyuza [Information Index of Bibliographical Lists and Card Files Compiled by the Libraries of the Soviet Union]	Kauchuk i rez. (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]
Inform. ukaz. stand. (16a)	Informatsionnyy ukazatel' standartov [Information Index of Standards]	Khim. -farm. zhur. (14f)	Khimiko-farmatsevticheskiy zhurnal [Chemical and Pharmaceutical Journal]
Inzh. -fiz. zhur. (16a)	Inzhenerno-fizicheskiy zhurnal [Journal of Engineering Physics]	Khim. i tekhn. topl. i masei (16c)	Khimiya i tekhnologiya topliv i masei [Chemistry and Technology of Fuel and Oil]
Ist. SSSR (4a)	Istoriya SSSR [History of the U.S.S.R.]	Khim. inform. (13d)	Khimicheskaya informatsiya; sistematischeskiy ukazatel' stat' v inostrannykh zhurnalakh [Chemical Information; Classified Index of Articles in Foreign Periodicals]
Izm. i tekhn. (16a)	Izmeritel'naya tekhnika [Measurement Techniques]	Khim. i ver. topl. (13d)	Khimiya tverdogo topliva [Chemistry of Solid Fuel]
Izobr., prom. obraz., i tov. znaki. (16a)	Izobreteniya, promyshlennyye obrazy, tovarnyye znaki [Inventions, Industrial Samples, Trademarks]	Khirurgiya (14b)	Khirurgiya [Surgery]
Izv. AN Arm. SSR, Fiz. (13f)	Akademiiya nauk Armianskoi SSR, Erivan, Izvestiya, Fizika [Academy of Sciences of the Armenian S.S.R. Bulletin, Physics]	Khol. tekhn. (16c)	Kholodil'naya tekhnika [Refrigeration Engineering]
Izv. AN Arm. SSR, Khim. nauki (13d)	Akademiiya nauk Armianskoi SSR, Erivan, Izvestiya, Khimicheskije nauki [Academy of Sciences of the Armenian S.S.R. Bulletin, Chemical Sciences]	Kibernetika (13e)	Kibernetika [Cybernetics]
Izv. AN Azerb. SSR, Ser. biol. nauk (13c)	Akademiiya nauk Azerbaidzhan'skoi SSR, Baku, Izvestiya, Seriya biologicheskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin, Series in the Biological Sciences]	Kin. i kat. (13d)	Kinetika i kataliz [Kinetics and Catalysis]
Izv. AN Kazakh SSR, Ser. obshchestv. (1a)	Akademiiya nauk Kazakh'skoi SSR, Alma-Ata, Izvestiya, Seriya obshchestvennaya [Academy of Sciences of the Kazakh S.S.R. Bulletin, Social Sciences Series]	Klin. khir. (14b)	Klinicheskaya khirurgiya [Clinical Surgery]
Izv. AN SSSR, Fiz. zom. (13f)	Akademiiya nauk SSSR, Izvestiya, Fizika zemli [Academy of Sciences of the U.S.S.R. Bulletin, Physics of the Earth]	Koks i khim. (16c)	Koks i khimiya [Coke and Chemistry]
Izv. AN SSSR, Mekh. zhid. i gaza (13f)	Akademiiya nauk SSSR, Izvestiya, Mekhanika zhidkosti i gaza [Academy of Sciences of the U.S.S.R. Bulletin, Mechanics of Liquids and Gas]	Koll. zhur. (13d)	Kolloidnyi zhurnal [Colloid Journal]
Izv. AN SSSR, Ser. fiz. (13f)	Akademiiya nauk SSSR, Izvestiya, Seriya fizicheskaya [Academy of Sciences of the U.S.S.R. Bulletin, Physical Series]	Komar. chten. (DV PAN) (13c)	Akademiiya nauk SSSR. Dal'nevostochnyi filial, Vladivostok. Komarovskie chteniya [Academy of Sciences of the U.S.S.R. Far Eastern Branch. Komarov Lectures]
Izv. AN SSSR, Ser. khim. (13d)	Akademiiya nauk SSSR, Izvestiya, Seriya khimicheskaya [Academy of Sciences of the U.S.S.R. Bulletin, Chemical Series]	Komm. Bel. (6)	Kommunist Belorussii [Communist of White Russia]
Izv. AN Uz. SSR, Ser. fiz. -mat. nauk (13c)	Akademiiya nauk Uzbek'skoi SSR, Tashkent, Izvestiya, Seriya fiziko-matematicheskikh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin, Series in the Physical and Mathematical Sciences]	Komm. Ukr. (6)	Kommunist Ukrainy [Communist of the Ukraine]
Izv. VNIIG (16d)	Leningrad, Vsesoyuznyi nauchno-issledovatel'skiy institut gidrotekhniki, Izvestiya [All-Union Scientific Research Institute of Hydraulic Engineering. Bulletin]	Kons. i ov. prom. (16c)	Konserviraniye i ovoshcheprosyshlennost' [The Canning and Dehydrated Vegetable Industry]
Izv. Vses. geog. ob-va (12b)	Geograficheskoye obshchestvo SSSR. Izvestiya [Geographic Society of the U.S.S.R. Bulletin]	Kozh. -obuv. prom. (16f)	Kozhevenno-obuvnaya promyshlennost' [Leather and Footwear Industry]
Izv. vys. ucheb. zav.; geol. i razv. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy; geologiya i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geology and Prospecting]	Lab. dela (14c)	Laboratornoye delo [Laboratory work]
Izv. vys. ucheb. zav.; gor. zhur. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy; gornyy zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mining Journal]	Let. druku BSSR (2a)	Letopis' druku BSSR. Letopis' pechat' BSSR [Chronicle of the Publications of the White Russian S.S.R.]
Izv. vys. uchob. zav.; khim. i khim. i tekhn. (13d)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy; khimiya i khimicheskaya tekhnologiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Chemistry and Chemical Technology]	Let. zhur. st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Izv. vys. uchob. zav.; mashino-str. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy; mashinostroyeniye [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Machinery Manufacture]	Lit. gaz. st. (2a)	Litopys gazetnykh statei [Chronicle of Newspaper Articles]
Izv. vys. uchob. zav.; prib. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy; priborostroyeniye [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Instrument Manufacture]	Lit. po ped. nauk. i nar. obr. (8a)	Literatura po pedagogicheskim naukam i narodnomu obrazovaniyu [Literature on the Pedagogical Sciences and Public Education]
		Lit. proizv. (16b)	Liternoe proizvodstvo [Foundry Practice]
		Lit. zhur. st. (2a)	Litopys zhurnal'nykh statei [Chronicle of Periodical Articles]
		Mashinostroyitel' (16g)	Mashinostroyitel' [Machine Builder]
		Mat. sbor. (13a)	Matematicheskii sbornik [Mathematical Review]
		Med. ref. zhur. (14a)	Meditsinskiy referativnyi zhurnal [Medical Abstracts]
		Mekh. i avtom. proizv. (16g)	Mekhanizatsiya i avtomatizatsiya proizvodstva [Mechanization and Automation of Production]
		Mekh. stroi. (16d)	Mekhanizatsiya stroitel'stva [Mechanization of Construction]
		Metallurg (16h)	Metallurg [Metallurgist]
		Meteoritika (13b)	Meteoritika [Meteoritics]
		Mias. ind. SSSR (16f)	Miasnaya industriya SSSR [Meat Industry of the U.S.S.R.]
		Mikrobiol. zhur. (13c)	Mikrobiologicheskii zhurnal [Journal of Microbiology]
		Mir. ekon. i mezhdunar. otn. (5b)	Mirovaya ekonomika i mezhdunarodnye otnosheniya [World Economics and International Relations]
		Mont. i spets. rab. v stroi. (16d)	Montazhnye i spetsial'nye raboty v stroitel'stve [Assembly and Specialized Operations in Construction]

Mor. flot. (17b)	Morskoy flot [The Merchant Marine]	Ref. zhur. : Nauch. i tekhn. inform. (16a)	Referativnyi zhurnal: Nauchnaya i tekhnicheskaya informatsiya (Otdel'nyi vypusk 59) [Journal of Abstracts: Scientific and Technical Information (Separate Issue 59)]
Muk. - elev. prom. (16f)	Mukomol'no-levatornaya promyshlennost' [Flour Milling and Grain Storage]	Rev. dyzh. v Sib. i na Dal'. Vost. (4a)	Revolyutsionnoye dvizheniye v Sibiri i na Dal'nem Vostoke [The Revolutionary Movement in Siberia and the Far East]
Nar. khoz. Kazakh (5b)	Natsionalnoye khozaystvo Kazakhstana [The National Economy of Kazakhstan]	Ryb. khoz. (15b)	Rybnoye khozaystvo [Fisheries]
Nar. obr. (8a)	Narodnoye obrazovanie [Public Education]	Sakh. prom. (18c)	Sakhar'naya promyshlennost' [Sugar Industry]
Nauch. dokl. vys. shkoly, biol. nauki (13c)	Russiya (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Nauchnye doklady vysshei shkoly, biologicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools, Biological Sciences]	Sbor. nauch. trud. EINI (16e)	Novocherkassk. Nauchno-issledovatel'skii institut elektrozvozdostroeniya. Sbornik nauchnykh trudov [Scientific Research Institute of Electric Locomotive Design and Construction. Papers]
Nauch. inform. Astr. sov. AN SSSR (13b)	Akademii nauk SSSR. Astronomicheskii sovet. Nauchnye informatsii [Academy of Sciences of the U.S.S.R. Astronomical Council. Scientific Information]	Sbor. trud. VNIINeud (16d)	Vsesoyuznyi nauchno-issledovatel'skii institut nerudnykh stroytel'nykh materialov i gidromekhanizatsii. Sbornik trudov [All-Union Scientific Research Institute of Rock Building Materials and Hydraulic Mechanization. Papers]
Neft. khoz. (16h)	Neftnaya khozaystvo [The Petroleum Industry]	Sbor. trud. VNIINSM (16d)	Vsesoyuznyi nauchno-issledovatel'skii institut novykh stroytel'nykh materialov. Sbornik trudov [All-Union Scientific Research Institute of New Building Materials. Papers]
Neftegaz, geol. i geofiz. (16h)	Neftegazovaya geologiya i geofizika [Petroleum and Gas Geology and Geophysics]	Sel'. khoz. za rub. i Rasi. (15d)	Sel'skoye khozaystvo za rubezhom: Raznoye khozaystvo [Agriculture Abroad: Plant Culture]
Nefteprom. delo (16h)	Neftepromyslovoye delo [Petroleum Production]	Sel'. khoz. lit. SSSR (15a)	Sel'skokhozaystvennaya literatura SSSR [Agricultural Literature of the U.S.S.R.]
Nov. i noveish. ist. (4a)	Novaya i noveishaya istoriya [Modern and Recent History]	Shvein. prom. (16f)	Shveitskaya promyshlennost' [Clothing Industry]
Nov. knigi SSSR (2a)	Novye knigi SSSR [New Books of the U.S.S.R.]	Sib. mat. zhur. (13e)	Sibirskii matematicheskii zhurnal [Siberian Mathematical Journal]
Nov. knizh. URSS (2a)	Novi knizhky URSS [New Books of the Ukrainian S.S.R.]	Sots. obes. (5e)	Sotsial'noye obespecheniye [Social Security]
Nov. tovar. (5a)	Novyye tovary, informatsionnyi biulleten' [New Consumer Goods, Information Bulletin]	Sots. trud (5d)	Sotsialisticheskiy trud [Socialist Labor]
Nov. vrem. (6)	Novoye vremya [New Times]	Sots. zakon. (7)	Sotsialisticheskaya zakonnost' [Socialist Legality]
Ogneupory (16h)	Ogneupory [Refractories]	Sov. arkh. (4b)	Sovetskaya arkhologiya [Soviet Archaeology]
Organ. i upr. nefteob. prom. (5b)	Organizatsiya i upravleniye nefteobrabatovushchey promyshlennosti [Organization and Management of Petroleum Production]	Sov. bibl. (2a)	Sovetskaya bibliografiya [Soviet Bibliography]
Ortop. i travm. i protez. (14h)	Ortopediya, travmatologiya i protezirovaniye [Orthopedics, Traumatology, and Prosthesis]	Sov. etn. (12a)	Sovetskaya etnografiya [Soviet Ethnography]
Otv. na vop. rab. (1b)	Otvechayemye na voprosy rabochikh [We Answer Workers' Questions]	Sov. geol. (12c)	Sovetskaya geologiya [Soviet Geology]
Part. zhizn' [Uzb.] (8)	Partiynaya zhizn' [Party Life]. Uzbekistan.	Sov. gos. i pravo (7)	Sovetskoye gosudarstvo i pravo [The Soviet State and Law]
Pat. fiziol. i eksp. terap. (14e)	Patologicheskaya fiziologiya i eksperimental'naya terapiya [Pathological Physiology and Experimental Therapy]	Sov. iust. (7)	Sovetskaya iustitsiya [Soviet Justice]
Plis. v red. Zhur. eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki. Plis'ma v redaktsiyu [Journal of Experimental and Theoretical Physics. Letters to the Editors]	Sov. muz. (4b)	Sovetskaya muzyka [Soviet Music]
Plan. khoz. (5b)	Plannoye khozaystvo [Planned Economy]	Sov. shakht. (16h)	Sovetskii shakhter [Soviet Miner]
Podg. i koks. ugli. (16h)	Podgotovka i koksovanie ugley [Preparation and Coking of Coals]	Sov. torg. (5a)	Sovetskaya torgovlya [Soviet Commerce]
Pollomielit (14e)	Pollomielit [Pollomyelitis]	Sred. spets. obr. (8a)	Sredneye spetsial'noye obrazovanie [Secondary Specialized Education]
Porosh. met. (16h)	Poroshkovaya metallurgiya [Powder Metallurgy]	Stal' (16h)	Stal' [Steel]
Prikl. mekh. (16g)	Prilozhnaya mekhanika [Applied Mechanics]	Stan. i instr. (16g)	Stanki i instrumenty [Machine Tools and Cutting Tools]
Priroda (13a)	Priroda [Nature]	Steklo i ker. (16c)	Steklo i keramika [Glass and Ceramics]
Probl. gemat. i perekl. krovi (14e)	Problemy gematologii i pereklivaniya krovi [Problems of Hematology and Blood Transfusion]	Stroitel'stvo i arkhitekt. (16b)	Stroitel'stvo i arkhitektura [Construction and Architecture]
Probl. tub. (14a)	Problemy tuberkuleza [Problems of Tuberculosis]	Stroitel'stvo i dorozh. mash. (16g)	Stroitel'nye i dorozhnyye mashiny [Construction and Road Machinery]
Prof. - tekhn. obr. (16a)	Professional'no-tekhnicheskoye obrazovanie [Vocational Technical Education]	Stroitel'stvo i konstr. (16d)	Stroitel'nye konstruktii [Building Structures]
Pyt. nov. ta novit. ist. (4a)	Pytaniya novoy i novitoy istorii [Problems in Modern and Recent History]	Stroitel'stvo truboprovodov (16d)	Stroitel'stvo truboprovodov [Pipeline Construction]
Rad. lit. (11b)	Radiatsionnoye literaturnoye slovo [Soviet Literary Review]	Subtrop. kul't. (15d)	Subtropicheskiye kul'tury [Subtropical Crops]
Radiokhimia (13d)	Radiokhimiya [Radiochemistry]	Sudostroyeniye (17b)	Sudostroyeniye [Shipbuilding]
Radiotekh. i elektron. (16e)	Radiotekhnika i elektronika [Radio Engineering and Electronics]	Svod. biul. nov. inostr. knig. Ser. A (2a)	Svodnyi biulleten' novykh inostrannykh knig, posulupivshikh v biblioteku SSSR. Seriya A: Estestvennyye nauki, meditsina, sel'skoye khozaystvo, tekhnika [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series A: Natural Sciences, Medicine, Agriculture, Technology]
Razved. i okh. nedr. (16h)	Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]	Svod. biul. nov. inostr. knig. Ser. B (2a)	Svodnyi biulleten' novykh inostrannykh knig, posulupivshikh v biblioteku SSSR. Seriya B: Obshchestvennyye nauki [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series B: Social Sciences]
Reakts. i metod. issled. org. soed. (13d)	Reaktsii i metody issledovaniya organicheskikh soedinenii [Reactions and Methods of Investigating Organic Compounds]	Svoi. atom. lader (13f)	Svoystva atomnykh lader [Properties of Atomic Nuclei]
Ref. zhur. : Avtom., telem. i vych. tekhn. (16e)	Referativnyi zhurnal: Avtomatika, telemekhanika i vychislitel'naya tekhnika [Journal of Abstracts: Automatic Control, Remote Control, and Computer Technology]	Tekh. est. (16a)	Tekhnicheskaya estestva [Industrial Aesthetics]
Ref. zhur. : Med. geog. (14a)	Referativnyi zhurnal: Meditsinskaya geografiya (Otdel'nyi vypusk 36) [Journal of Abstracts: Medical Geography (Separate Issue 36)]	Tekh. kino i telev. (9a)	Tekhnika kino i televideniya [Motion-Picture and Television Engineering]
Ref. zhur. : Mekh. (13f)	Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]	Tekh. v sel'skom khoz. (15a)	Tekhnika v sel'skom khozaystve [Machinery in Agriculture]
		Teor. i eksp. khim. (13d)	Teoreticheskaya i eksperimental'naya khimiya i ispytaniya [Theoretical and Experimental Chemistry]
		Teor. i prakt. fiz. kul't. (8b)	Teoriya i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education]



Aploenergetika (16g)	Teplotnergetika [Heat Engineering]	Trudy Ural. politekh. inst. (16a)	Sverdlovsk. Ural'skii politekhnicheskii institut. Trudy [Ural Polytechnic Institute. Transactions]
Org. za rub. (5a)	Torgovlia za rubezhom [Trade Abroad]	Trudy VNIIGI (10h)	Leningrad. Vsesoiuznyi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy [All-Union Petroleum (Scientific Research) Geological Prospecting Institute. Transactions]
Transport. stroit. (16d)	Transportnoe stroitel'stvo [Construction for the Transportation Industry]	Trudy VNIIRT (16e)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut magnitnoi zapiski i tekhnologii radioveshchaniia i televideniia. Trudy [All-Union Scientific Research Institute of Magnetic Recording and Radiobroadcasting and Television Engineering. Transactions]
Trudy AzNII DN (16h)	Baku. Azerbaidzhanskii nauchno-issledovatel'skii institut po dobyche nefli. Trudy [Azerbaijan Scientific Research Institute for Petroleum Production. Transactions]	Trudy VNIPRKII (15b)	Moscow. Vsesoiuzskii nauchno-issledovatel'skii institut prudovogo rybnogo khoziaistva. Trudy [All-Russian Scientific Research Institute of Pond Fisheries. Transactions]
Trudy Fiz. inst. (13f)	Akademii nauk SSSR. Fizicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physics. Transactions]	Trudy VSEGEI (12c)	Leningrad. Vsesoiuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions]
Trudy GIMTS (13i)	Russia (1923- U.S.S.R.). Gidrometeorologicheskii nauchno-issledovatel'skii tsentr SSSR. Trudy [Hydrometeorological Scientific Research Center of the U.S.S.R. Transactions]	Uch. zap. BGU (Ufa) (11a)	Ufa. Bashkiretskii gosudarstvennyi universitet. Uchenye zapiski [Bashkir State University. Studies]
Trudy Geol. inst. Kazan. fil. AN SSSR (12c)	Akademii nauk SSSR. Kazanskii filial. Geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Kazan Branch. Geological Institute. Transactions]	Uch. zap. Erevan (1a)	Erivan Universitet. Uchenye zapiski [University. Studies]
Trudy Gidrav. lab. VODGEO (16d)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut vodosnabzheniia, kanalizatsii, gidrotekhnicheskikh sooruzhenii i inzhenernoi gidrogeologii. Gidravlicheskaya laboratoriya. Trudy [All-Union Scientific Research Institute of Water Supply, Sewerage, Hydraulic Structures, and Engineering Hydrogeology. Hydraulic Laboratory. Transactions]	Uch. zap. GGPI (1a)	Gorkiy Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Trudy GrozNII (16h)	Groznyi. Grozenskii nauchno-issledovatel'skii institut. Trudy [Grozny Petroleum Research Institute. Transactions]	Uch. zap. GGU (1a)	Gorkiy Universitet. Uchenye zapiski [University. Studies]
Trudy IGD (Sverd.) (10h)	Sverdlovsk. Institut gornogo dela. Trudy [Institute of Mining. Transactions]	Uch. zap. kaf. obshchestv. nauk vuz. g. Len.; Isl. KPSS (6)	Uchenye zapiski kafedri obshchestvennykh nauk vuzov g. Leningrada; Istorii KPSS [Studies by the Departments of Social Sciences of Leningrad Institutions of Higher Education; History of the CPSU]
Trudy Inst. geol. i geofiz. Sib. otd. AN SSSR (12c)	Akademii nauk SSSR. Sibirskoe otdeleniye. Institut geologii i geofiziki. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. Institute of Geology and Geophysics. Transactions]	Uch. zap. MGPI (1a)	Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Moscow. State Pedagogical Institute. Studies]
Trudy Inst. geol. nauk AN Kazakh. SSR (12c)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Institut geologicheskikh nauk. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Geological Sciences. Transactions]	Uch. zap. Mord. gos. un. (1a)	Saransk. Mordovskii gosudarstvennyi universitet. Uchenye zapiski [Mordvin State University. Studies]
Trudy Inst. khim. UFAN SSSR (13d)	Akademii nauk SSSR. Ural'skii filial, Sverdlovsk. Institut khimii. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Institute of Chemistry. Transactions]	Uch. zap. NIIGA (12c)	Leningrad. Nauchno-issledovatel'skii institut geologii Arkktiki. Uchenye zapiski [Scientific Research Institute of the Geology of the Arctic. Studies]
Trudy Inst. zool. AN Kazakh. SSR (13c)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Institut zoologii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Zoology. Transactions]	Uch. zap. Omsk. gos. ped. inst. (1a)	Omsk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Trudy Kar. gos. med. inst. (14a)	Kazan. Gosudarstvennyi meditsinskii institut. Trudy [State Medical Institute. Transactions]	Uch. zap. po stat. (5b)	Uchenye zapiski po statistiko [Studies in Statistics]
Trudy Lab. ion. prots. i sorbts. (15d)	Voronezh. Universitet. Laboratoriia ionoobmennyykh protsessov i sorbtsii. Trudy [University. Laboratory of Ion-Exchange Processes and Sorption. Transactions]	Uch. zap. Pakov. gos. ped. inst. (1a)	Pakov. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Trudy MIIIT (16g)	Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation. Transactions]	Uch. zap. Tium. gos. ped. inst. (1a)	T'yumen. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Trudy Mat. inst. (13e)	Akademii nauk SSSR. Matematicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Mathematical Institute. Transactions]	Uch. zap. U'iansk. gos. ped. inst. (1a)	Ulyanovsk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Trudy NIIGA (12c)	Leningrad. Nauchno-issledovatel'skii institut geologii Arkktiki. Trudy [Scientific Research Institute of Arctic Geology. Transactions]	Uch. zap. VGPI (1a)	Vologda. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Trudy NIIGMP (13f)	Leningrad. Nauchno-issledovatel'skii institut gidrometeorologicheskogo priborostroyeniia. Trudy [Scientific Research Institute of Hydrometeorological Instrument Making. Transactions]	Ugol' (16h)	Ugol' [Coal]
Trudy NPI (16a)	Novosibirsk. Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]	Ugol' Ukr. (16h)	Ugol' Ukrainy [Coal of the Ukraine]
Trudy TSKTI (16g)	Leningrad. Tsentralnyi nauchno-issledovatel'skii i projektno-konstruktorskii kollobiratsionnyi institut. Trudy [Central Scientific Research and Design Institute of Boilers and Turbines. Transactions]	Ukr. khim. zhur. (13d)	Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal]
Trudy TSNII MPS (10g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions]	Ukr. mat. zhur. (13e)	Ukrainskii matematicheskii zhurnal [Ukrainian Mathematical Journal]
Trudy Tadzh. politekh. inst. (16a)	Tadzhikskii politekhnicheskii institut. Trudy [Tajik Polytechnic Institute. Transactions]	Usp. khim. (13d)	Uspekhi khimii [Progress in Chemistry]
Trudy Tbil. GU (1a)	Tbilisi. Universitet. Trudy [University. Transactions]	Usp. mat. nauk (13e)	Uspekhi matematicheskikh nauk [Progress in the Mathematical Sciences]
Trudy Tbil. ped. inst. inostr. iaz. (1a)	Tbilisi. Pedagogicheskii institut inostrannykh iazykov. Trudy [Pedagogical Institute of Foreign Languages. Transactions]	Uzb. khim. zhur. (13d)	Uzbekskii khimicheskii zhurnal [Uzbek Chemical Journal]
Trudy UNIKHIM (10h)	Sverdlovsk. Ural'skii nauchno-issledovatel'skii khimicheskii institut. Trudy [Ural Chemical Research Institute. Transactions]	Vech. sred. shkola (8a)	Vecherniaia sredniaia shkola [Evening Secondary School]
Trudy Ukr. NIIGI (10h)	Kiev. Ukrainskii nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy [Ukrainian Scientific Research Geological Prospecting Institute. Transactions]	Ved. Verkh. Sov. RSFSR (6)	Russia (1917- R S F. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Trudy Un. družn. nar. Stroi. (16d)	Moscow. Druzhba narodov. Trudy. Stroitel'stvo [University of the Friendship of Peoples. Transactions. Construction]	Ved. Verkh. Sov. SSSR (6)	Russia (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
		Vest. AN Kazakh. SSR (1a)	Akademii nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S.S.R. Journal]
		Vest. drev. ist. (4a)	Akademii nauk SSSR. Institut istorii. Vestnik drevnei istorii [Academy of Sciences of the U.S.S.R. Institute of History. Review of Ancient History]
		Vost. Mosk. un. Ser. 1: Mat., mekh. (13c)	Moscow. Universitet. Vestnik. Seria 1: Matematika, mekhanika [University. Review. Series 1: Mathematics, Mechanics]
		Vost. Mosk. un. Ser. 6: Biol., pochv. (13c)	Moscow. Universitet. Vestnik. Seria 6: Biologiya, pochvedovedenie [University. Review. Series 6: Biology, Soil Science]
		Vost. Mosk. un. Ser. 7: Ekon. (5b)	Moscow. Universitet. Vestnik. Seria 7: Ekonomika [University. Review. Series 7: Economics]
		Vost. Mosk. un. Ser. 8: Filos. (3a)	Moscow. Universitet. Vestnik. Seria 8: Filosofiya [University. Review. Series 8: Philosophy]

Vest. Mosk. un. Ser. 9: Ist. (4a)	Moscow, Universitet, Vestnik. Seriya 9: Istorika [University. Review, Series 9: History]	Vop. pat. krovi i krovoobr. (14a)	Voprosy patologii krovi i krovoobrazheniya [Problems of the Pathology and Circulation of Blood]
Vest. Mosk. un. Ser. 11: Zhur. (11b)	Moscow Universitet, Vestnik. Seriya 11: Zhurnalistsika [University. Review, Series 11: Journalism]	Vop. pit. (13c)	Voprosy pitaniya [Problems of Nutrition]
Vest. obshchestv. nauk AN Arm. SSR (1a)	Akademii nauk Armianskoi SSR, Eriyan, Vestnik obshchestvennykh nauk [Academy of Sciences of the Armenian S.S.R. Review of Social Sciences]	Vop. virus. (13c)	Voprosy virusologii [Problems of Virology]
Vest. protivovozd. obr. (17a)	Vestnik protivovozdushnoi oborony [Air Defense Review]	Vsem. prof. dvizh. (5d)	Vsemirnnoe professionalnoe dvizhenie [World Trade-Union Movement]
Vest. rent. i rad. (14a)	Vestnik rentgenologii i radiologii [Review of Roentgenology and Radiology]	Vych. seism (12b)	Vychislitel'naya seismologiya [Computer Seismology]
Vest. sel'khoz. nauk [Kazakh.] (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science], Kazakhstan.	Vysokom. soed. Ser. A (13d)	Vysokomolekulyarnye soedineniya. Seriya A [Macromolecular Compounds. Series A]
Vest. stal. (5b)	Vestnik statistiki [Statistical Review]	Za tekhn. prog (16a)	Za tekhnicheskii progress [For Technological Progress]
Vest. TSNII MPB (16g)	Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta, Vestnik [All-Union Scientific Research Institute of Railroad Transportation. Journal]	Zap. Vses. min. ob-va (12c)	Vsesoiuznoe mineralogicheskoe obshchestvo. Zapiski [All-Union Mineralogical Society. Annals]
Vest. vys. shkoly (8a)	Vestnik vysshei shkoly [Review of Schools for Higher Education]	Zap. Zabaik. fil. Geog. ob-va SSSR (12b)	Geograficheskoe obshchestvo SSSR. Zabaikalskii filial Zapiski [Geographical Society of the U.S.S.R. Transbaikalian Branch. Records]
Vest. AN BSSR. Ser. him. nav. (1a)	Akademii nauk BSSR, Minsk, Seriya himiatskikh nauk [Academy of Sciences of the White Russian S.S.R. Bulletin, Series in the Social Sciences]	Zav. lab. (16h)	Zavodskaya laboratoriya [The Factory Laboratory]
Visnyk Kyiv. un. Ser. astron. (13b)	Kiev, Universitet, Visnyk. Seriya astronomii [University. Review, Series in Astronomy]	Zhel. dor. transp. (16g)	Zheleznodorozhnyi transport [Railroad Transportation]
Vnesh. torg. (5a)	Vneshnaya torgovlia [Foreign Trade]	Zhil. i kom. khoz. (16d)	Zhiliishchnoe i kommunal'noe khoziaistvo [Housing and Communal Services]
Vod. i san. tekhn. (16d)	Vodosnabzhenie i sanitarnaya tekhnika [Water Supply and Sanitary Engineering]	Zhil. stroi. (16d)	Zhiliishchnoe stroitel'stvo [Housing Construction]
Vop. ekon. (5b)	Voprosy ekonomiki [Problems of Economics]	Zhur. anal. khim. (13d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Vop. filos. (3a)	Voprosy filosofii [Problems of Philosophy]	Zhur. fiz. khim. (13d)	Zhurnal fizicheskoi khimii [Journal of Physical Chemistry]
Vop. iaz. (11a)	Voprosy iazykoznanija [Problems of Linguistics]	Zhur. mikro-biol., epid i immun. (14a)	Zhurnal mikrobiologii, epidemiologii i immunologii [Journal of Microbiology, Epidemiology, and Immunology]
Vop. ist. (4a)	Voprosy istorii [Problems of History]	Zhur. Mosk. Patr (3b)	Orthodox Eastern Church, Russian Patriarch Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]
Vop. ist. KPSS (6)	Voprosy istorii KPSS [Problems in the History of the CPSU]	Zhur. ob. biol. (13c)	Zhurnal obshchei biologii [Journal of General Biology]
Vop. ist. vseobshch. ist. (4a)	Voprosy istoriografii vseobshchei istorii [Problems in the Historiography of General History]	Zhur. ob. khim. (13d)	Zhurnal obshchei khimii [Journal of General Chemistry]
Vop. izobi. (16a)	Voprosy izobretatel'stva [Problems of Invention]	Zhur. prikl. khim. (16c)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
Vop. kur., fizioter., i lech. fiz. kul't. (14e)	Voprosy kurortologii, fizioterapii i lechnoi fizicheskoi kul'tury [Problems of Health Resort Therapy, Physical Therapy, and Exercise Therapy]	Zhur. VKHO (13d)	Vsesoiuznoe khimicheskoe obshchestvo imeni D. I. Mendeleeva Zhurnal [D. I. Mendeleev All-Union Chemical Society, Journal]
Vop. onk. (14e)	Voprosy onkologii [Problems of Oncology]	Zhurnalist (11b)	Zhurnalist [Journalist]
		Zool. zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]

# 0. GENERALITIES

## 002 DOCUMENTATION AND INFORMATION RETRIEVAL

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Problems concerning the improvement of information in the field of social sciences. S. I. Kuznetsova, I. A. Khodosh. Vop. ist. no. 10:105-113 O '68.  
[Scientific and technical information] Ref. zhur. Nauch. i tekhn. inform. no. 9 S '68.  
Technical information should be adjusted to the level of new requirements. A. I. Rogov. Mashinostroitel' no. 8:10-11 Ag '68.

## 01 BIBLIOGRAPHY

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[Chronicle of newspaper articles] Lit. gaz. st. nos. 8, 14-15 Ap, 31-Ag '68.  
[Chronicle of periodical articles] Lit. zhur. st. nos. 8, 15-16 Ap, Ag '68.  
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A joint scientific session. T. L. Postremova. Sov. bibl. no. 1:69-77 '68.  
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Scientific organization of the bibliographers' work should be based on the exact recording of their hours of labor. M. I. Kiranovna. Sov. bibl. no. 1:9-15 '68.  
Some problems of current national bibliography outside the U.S.S.R. A. N. Vorevskina. Sov. bibl. no. 2:90-102 '68.  
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## 01.5 Bibliographies on mathematics and natural sciences

- Bibliography. Atom. energ. 25 no. 2:107-170 Ag '68.  
[Chemical information; classified index of articles in foreign periodicals] Khim. inform. i sist. uk. st. v inostr. zhur. nos. 7-8 Ji-Ag '68.  
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## 01.8 Bibliographies on literature

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02(471, 232)—Leningrad City

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- Experience in organizing the collections of foreign books in the Library of the U.S.S.R. named after V. I. Lenin. V. A. Gireva, O. P. Soldatova. Bibliot. SSSR no. 38:78-89 '68.  
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- Present-day work of libraries in White Russia. F. V. Stepanuk, I. A. Sankova. Bibliot. SSSR no. 38:29-39 '68.

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Pages of newspapers and periodicals of the twenties. Nar. obr. no. 6, 104-111 Je '68.

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What should a classified printed catalog of foreign periodicals be like? L. I. Lisnevskaya. Sov. bibl. no. 2, 25-29 '68.

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[Chronicle of periodical articles] Lit. zhur. st. nos. 8, 15-16 Ap. Ag. '68

05(479 25)—Armenian S. S. R.  
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The first year of publication V. I. Stoliarov. Nov. i novosti 1st no. 3, 101-103 My-Je '68

# 06 ORGANIZATIONS ASSOCIATIONS. CONGRESSES. MUSEUMS

## 06.06 Exhibitions, competitions, examinations

"All for the good of mankind, everything in the name of mankind" B. Vinogradov. Stroitel'stvo. 13 no. 8, 38-38 Ag '68.

Anniversary exhibition: "Power Engineering" Pavilion. V. I. Babitskii, V. M. Selezneva. Biul. stroit. tekhn. 28 no. 11, 46-47 N '67.

At the Exhibition of Achievements of the National Economy of the U. S. S. R. G. Danilova, M. Sadykova. Ekon. sci. no. 44, no. 9, 70-73 '68.

At the exhibition of British Instruments. L. I. Petranko. Atom. energ. 25 no. 2, 164-165 Ag '68.

Automation on highways. V. A. Shifrin. Avi. dor. 31 no. 8, 32 Ag '68.

"Building Materials" pavilion. A. M. Skobeeva. Biul. stroit. tekhn. 30 no. 3, 43-45 Mi '68.

City electric transportation. Zhil. i kom. khoz. 18 no. 7, 19-21 Ji '68.

Competition of young scientists. Vop. ekon. no. 10, 154-155 O '68.

Conclusions on the International Exhibition of Municipal and Household Equipment of 1968 F. Shvelev. Zhil. i kom. khoz. 19 no. 8, 16-17 Ag '68.

An exhibition inspired by Lenin ideas. Inform. biul. VDNKH no. 8, 2-3 Ag '68.

Exhibits of the year 1968. Inform. biul. VDNKH no. 9, 11-13 S '68.

Exhibits of 1968. Inform. biul. VDNKH no. 11, 22-23 N '68.

In foreign pavilions. M. Mishgof. Zhil. i kom. khoz. 19 no. 8, 15 Je '68.

In foreign pavilions of the exhibition. M. Mishgof. Zhil. i kom. khoz. 18 no. 7, 21-22 Ji '68.

In the "Coal Industry" Pavilion. Inform. biul. VDNKH no. 11, 10 N '68.

In the "Coal Industry" Pavilion. Inform. biul. VDNKH no. 8, 12-13 Ag '68.

In the "Electrical Engineering" Pavilion. Inform. biul. VDNKH no. 8, 13 Ag '68.

In the "Machine and Instrument Construction" Pavilion. V. Gerasimenko, V. Mednikov. Inform. biul. VDNKH no. 11, 8-10 N '68.

"Izrybrom-88," A. Nazarov. Vnesh. torg. 48 no. 11, 50-51 '68.

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International exhibition "Interorgtekhnik-68," B. N. Vinogradov. Stroitel'stvo. 11 no. 12, 29-31 D '68

Land of the Soviets seen through the lens. Zhurnalst. no. 12, 8-11 D '67.

Lenin is with us. Inform. biul. VDNKH no. 8, 11 S '68.

Metal-cutting machine-tools at the 23d International Industrial Fair in Plovdiv. N. P. Kosov. Stan. i Instr. 39 no. 6, 36-40 Je '68.

Metallurgical plant from beyond the Arctic Circle is participating in the Exhibition of Achievements of the National Economy of the U. S. S. R. N. I. M. Inform. biul. VDNKH no. 11, 21-22 N '68

Mill "600" of the Kommunarsk Plant. Inform. biul. VDNKH no. 11, 24-25 N '68.

Modern laundry. Zhil. i kom. khoz. 19 no. 8, 14-15 Ag '68.

Novelties in gas engineering. I. Makhovskii. Zhil. i kom. khoz. 19 no. 8, 13-14 Ag '68.

One stand at the Exhibition of Achievements of the National Economy of the U. S. S. R. A. Tarionova. Inform. biul. VDNKH no. 8, 30-39 Ag '68.

Quality and profitability. S. G. Skobkin. Inform. biul. VDNKH no. 9, 2-3 S '68.

Road building machinery. B. Filatov. Zhil. i kom. khoz. 19 no. 8, 16 Ag '68.

This is for you, decorators L. Frolova. Inform. biul. VDNKH no. 8, 14-16 Ag '68

Treasure house is open to all A. Boliav. Inform. biul. VDNKH no. 11, 4-7 N '68.

## 06.07 Various activities

Brief news. Zhur. Mosk. Patr. no. 4, 3 '67.

06.07(431)—German Democratic Republic

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## 06.09 Historic, inaugural, commemorative celebrations

The chronicle of our holiday Zhurnalst. no. 12, 1-5 D '67

A holiday which is always with you... Nov. vrem. 26 no. 16, 1-2 N '68.

A militant program of action Vech. sred. shkola 11 no. 5, 3-5 S-O '68

06.08(471, 310)—Moscow City

First anniversary of the October in Moscow K. F. Zarechna, L. A. Trivina. Gos. khoz. Mosk. 12 no. 10, 2-5 O '68

## 06.1 Institutions, associations, congresses, etc.

All-Union conference on condensed phosphates. D. Z. Serazetdinov. Zhur. VKHO 13 no. 5, 580-581 '68.

All-Union conference on programmed instruction. Prof. tekhn. obs. 23 no. 7, 26 Ji '68.

All-Union Conference on Hydroinsulation and Anti-corrosion Protection of Equipment. O. A. Lukinskii. Gid. i mel. 20 no. 8, 115-116 Ag '68.

At the international seminar. A. Migunov. Nar. obr. no. 4, 104-105 Ap '68.

All-Union scientific and technical conference-discussion on the problem: "Technology of oil- and gas-well cementing" A. Bulatov. Neft. khoz. 46 no. 9, 71-72 S '68.

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All-Union conference on control of tetanus. V. F. Popov. Zhur. mikrobiol. epid. immun. 45 no. 8, 147-148 Ag '68.

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century according to the literary works "Killa and  
Damana," Z. K. Lorkkipanidze. Trudy Tbil. ped. inst.  
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37(407.2)—Bulgaria  
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Nar. obr. no. 4:87-98 Ap '68.

37(571.54)—Buryat A. S. S. R.  
The oldest school in Buryatia is 50 years old.  
F. Khaltagarov. Nar. obr. no. 6:82-93 Je '68.

37(574)—Kazakh S. S. R.  
In the Alma Ata school of mathematics. I. Sergeev.  
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37(575.2)—Kirghiz S. S. R.  
A coeval of Kirghizistan. M. Rudakov. Nar. obr. no. 6;  
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37(66)—West and North Central Africa  
Guinean road. F. Konopikina. Nov. vrem. 26 no. 46-  
0-10 O '68

37(73)—United States of America  
Painful problems of American schools. L. Borisogleb-  
skii. Nar. obr. no. 4:106-107 Ap '68.  
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O. Kogan. Nar. obr. no. 1:99-103 Ap '68.

370.17 Communist education  
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Ap '68.

Bring the battle glory of our heroes to our youth!  
A. Vinogradov. Prof. i tekhn. obr. 23 no. 7 11 Ji '68.

The concern of the whole staff. V. D. Sundukov. Vses.  
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Discussion of important problems in party education.  
G. G. Bolev. Vop. ist. KPSS no. 10:152-154 O '68.

Education of the young people is an urgent task. Agitator  
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A four-year seminar. A. I. Kukul. Sred. spets. obr. 15  
no. 5:15 My '68

Heroes deeds of their fathers are in the hearts of the  
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Intensification in the bitter struggle of two ideologies:  
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ideology at the contemporary stage." P. Sitnash.  
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Leninist ideas should be spread among the masses.  
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Loyal assistant to the party in the building of communism.  
A. Kh. Vozitov. Vop. ist. KPSS no. 10:43-57 O '68.

May I have the floor. I would like to have my say!  
D. Ermakov. Agitator no. 10:30-35 S '68.

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V. P. Antimov, M. V. Gramov. Vop. ist. KPSS no. 11;  
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1025-1032. A. A. Byatova. Uch. zap. Krf. obshchestv.  
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Recommended subjects for lectures, reports, and  
talks. Agitator no. 18:8 S '68.

Some forms of the class struggle of the proletariat.  
A. Z. Verulija. Trudy Tbil. ped. inst. inostr. iaz. no. 6;  
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no. 18:25-29 S '68.

Soviet pedagogy: dedicated to the teachers' day.  
N. Parfenova. Agitator no. 17:30-38 S '68.

With Lenin in the heart. G. V. Molchanskaya. Nar. obr.  
no. 4:32-34 Ap '68.

370.17(471.232)—Leningrad City  
Thrill in a communist trait: talk with political lecturer  
I. U. Kharov. Agitator no. 17 46-48 S '68

370.17(471.310)—Moscow City  
Struggle of the CPSU for raising the cultural and technical  
standard of the working class during the building of  
communism, based on materials of Moscow enterprises.  
F. M. Ivanenko. Uch. zap. MGPI no. 389 302-320 '67

370.17(471.321)—Orel Province  
An honorable duty. A. Vorobiev. Agitator no. 17 49-54  
S '68

370.17(471.42)—Ulyanovsk Province  
Concern for improving the standard of information; from  
a province methodical conference of political informa-  
tion workers. A. Shmagarov. Agitator no. 18:36-38  
S '68.

370.17(477)—Ukrainian S. S. R.  
A party committee and the ideological training of commu-  
nists. V. Petrykin. Komm. Ukr. 43 no. 7:63-70  
Jl '68.

370.17(571.55)—Chita Province  
After the great example. L. Barbolina. Nar. obr. no. 4;  
35-37 Ap '68.

370.17(571.62)—Khabarovsk Territory  
Subsequent development of Leninist principles in the All-  
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1961. I. F. TSarek. Uch. zap. MGPI no. 280-180-  
204 '67.

370.17(575)—Central Asia  
A smiley for leading cadres. M. Kakharov. Part. zhizn'  
[Uzb.] 11 no. 8:30-40 Ag '68.

370.17(576.1)—Uzbek S. S. R.  
Activity of the students has grown stronger. V. Kuzne-  
tov. Part. zhizn' [Uzb.] 11 no. 8:65-67 Ag '68.

Communists of a school. I. Irbitaev. Part. zhizn'  
[Uzb.] 11 no. 8:83-85 Ag '68.

Results of the academic year in the party educational  
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no. 8:89-94 Ag '68.

371.1 Management. Teaching staff  
At the international seminar. A. Migunov. Nar. obr. no. 4 104-105 Ap '68.  
Bearer of a "secret ardon": fragments of pedagogical experience. A. A. Kosmodem'ianskii. Vest. vys. shkoly 26 no. 4-54-63 Ap '68.  
Equal to the demands of their century. S. Vladimirov. Nar. obr. no. 6-51-51 Jo '68.  
Evaluation of the teacher's work. I. U. Orlov, V. Eltinger. Nar. obr. no. 6-24-26 Jo '68.  
Evaluation of the work of the school and the teacher. E. Berezniak. Nar. obr. no. 6-10-18 Jo '68.  
Experience in the education of future teachers. B. Liga. Nar. obr. no. 4-13-19 Ap '68.  
First classes at the faculty for the improvement of qualifications. M. M. Kuznetsov. Sred. spets. obr. 15 no. 5-6-7 My '68.  
For the notebook of school principals. Nar. obr. no. 4-31 Ap '68.  
The great pedagogical council. Nar. obr. no. 6-11-10-13 Jo '68.  
International idea of Soviet teachers. L. Grubov. Nar. obr. no. 6-124-127 Jo '68.  
Letters. M. Golovin. Prof. -tekh. obr. 23 no. 7-16 Ji '68.  
Next door lives a teacher. P. Narzur. Nar. obr. no. 6-8-87 Jo '68.  
Organizers of the educational process. S. Noginskii. Nar. obr. no. 6-30-37 Jo '68.  
Passing the torch to the new generation. O. Volodin. Nar. obr. no. 6-36-46 Jo '68.  
The principal and the teacher. M. Zakharov. Nar. obr. no. 6-27-29 Jo '68.  
Quality of instruction and material and moral stimulation of teachers. A. Anufriev, V. Luchov, V. Novosilov. Nar. obr. no. 6-21-23 Jo '68.  
The teacher and the work semester. A. A. Sokol'skii. Vest. vys. shkoly 26 no. 4-60-69 Ap '68.  
The teacher in a changing world. A. Lovshin. Nar. obr. no. 6-55-64 Jo '68.  
Teachers are perfecting their knowledge in their specific field. K. V. Popov. Sred. spets. obr. 15 no. 5-6-9 My '68.  
Teachers of biology in their work. L. Imshenetskaya. Nar. obr. no. 6-137-139 Jo '68.  
They were at the congress. Vest. sred. shkola II no. 5-20-25 S-O '68.  
A veteran of education. N. Kuznetsov. Nar. obr. no. 6-88-91 Jo '68.  
The wall-biting of the teacher and his work. I. U. Lvova. Nar. obr. no. 6-55-68 Jo '68.

371.1(471.31)—Moscow Province  
Fifty years of teaching. I. S. Vasil'yanov. Nar. obr. no. 6-95 Jo '68.

371.1(471.325)—Belgorod Province  
From the experience of the Provincial Department of Public Education. A. L. Babakov. Nar. obr. no. 4-6-10 Ap '68.

371.1(471.43)—Kryvyiyezhsk Province  
Raising the qualifications of teachers. L. Komissarova, S. Shamsutdinova. Nar. obr. no. 4-19-21 Ap '68.

371.1(476)—White Russian S. S. R.  
The elected representative of the people. V. Klonov. Nar. obr. no. 6-47-50 Jo '68.

371.1(477)—Ukrainian S. S. R.  
The word should work. Zhurnal'ist no. 6-2-4 Jo '68.

371.1(73)—United States of America  
Preparation programs for school administrators. O. Kogan. Nar. obr. no. 4-99-103 Ap '68.

371.2 School organization. Routine. Duties  
Answering our readers' questions. Sov. iust. no. 14-31-32 Ji '68.  
Improving inspections in evening schools. N. Balov. Vest. sred. shkola II no. 5-32-35 S-O '68.

371.3 Methods of instruction  
An all-Union conference on programmed instruction. Prof. -tekh. obr. 23 no. 7-26 Ji '68.  
The art of oratory and the skill of the teacher. V. E. Lebedeva. Sred. spets. obr. 15 no. 5-30-41 My '68.  
Checking the preparedness for laboratory work. V. N. Evetukov. Vest. vys. shkoly 26 no. 4-20-28 Ap '68.  
Compositions based on personal observations and impressions. A. A. Semenuk. Vest. sred. shkola II no. 5-58-60 S-O '68.  
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The effectiveness of instruction and technology. G. V. Zimin. Vest. vys. shkoly 26 no. 3-37-40 Mr '68.  
An examination stand. V. Sirennin, B. Silahkin. Prof. -tekh. obr. 23 no. 7-18-19 Ji '68.  
Experience in programmed instruction in physics classes. L. M. Cherniak. Sred. spets. obr. 15 no. 5-10-20 My '68.  
Experiment in a rural school. L. Erofeev. Nar. obr. no. 4-59-60 Ap '68.  
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A important meeting of the section. Sred. spets. obr. 15 no. 5-23-24 My '68.

In an elective course in mathematics. E. Petrova. Nar. obr. no. 4-73-74 Ap '68.  
In the Alma Ata school of mathematics. I. Sergeev. Nar. obr. no. 1-71-73 Ap '68.  
The lesson and life. I. Malkin. Nar. obr. no. 4-inseri Ap '68.  
Let us influence more actively school education. V. B. Bondarevskii. Vest. vys. shkoly 26 no. 4-13-18 Ap '68.  
Narration in the 5th-6th grade. T. S. Petunina. Vest. sred. shkola II no. 5-50-52 S-O '68.  
New films for specialists in agriculture. A. I. Chirnov. Vest. vys. shkoly 26 no. 3-43-45 Mr '68.  
Penetration into the literary image. T. V. Kviatkovskii. Vest. sred. shkola II no. 5-73-80 S-O '68.  
Perfecting the skill of the lecturers. P. G. Petrukhin. Vest. vys. shkoly 26 no. 3-60-67 Mr '68.  
Physicists are preparing for the schools' changeover to the new programs. I. V. Popov. Vest. vys. shkoly 26 no. 4-21-23 Ap '68.  
Programmed instruction in the Kharkov technical schools. I. A. Sakhanov, L. A. Trifonov, V. I. Chesnokov. Sred. spets. obr. 15 no. 5-16-18 My '68.  
Programs for control and self-control. D. I. Penner, R. F. Nudel'man, V. S. Lukovskii. Vest. vys. shkoly 26 no. 3-29-34 Mr '68.  
Psychology and instruction in schools of higher education. K. G. Markvardt. Vest. vys. shkoly 26 no. 3-7-14 Mr '68.  
Reflections on methodological and methods. V. Kiliusimov. Nar. obr. no. 4-22-28 Ap '68.  
Role of motion pictures and excursions in education. O. M. Bishlov. Sred. spets. obr. 15 no. 5-38 My '68.  
Scientific organization of labor and the curriculum. I. D. Silukov. Vest. vys. shkoly 26 no. 3-87-89 Mr '68.  
A seminar at Jolga. A. Chernenok. Vest. vys. shkoly 26 no. 3-30-37 Mr '68.  
Smoothing out knowledge. I. A. Ekbert. Vest. sred. shkola II no. 5-46-50 S-O '68.  
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Study of vibrations and waves. K. Nazmuratov. Vest. sred. shkola II no. 5-40-44 S-O '68.  
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The teacher in a changing world. A. Lovshin. Nar. obr. no. 6-55-64 Jo '68.  
This is a method of education. I. I. Kuznetsov. Vest. vys. shkoly 26 no. 3-84-86 Mr '68.  
The usage of film strips and motion pictures in the development of oral speech during the first and second years of the linguistic institutions of higher learning. E. P. Kirillova. Trudy Tbil. ped. inst. inostr. yez. no. 6-110-128 '64.  
Use of technical teaching aids. V. Polikhovskii. Prof. -tekh. obr. 23 no. 7-19-20 Ji '68.  
The use of visual aids in history classes in the evaluation of Soviet methodological literature. N. A. Burmistrov. Vop. ist. vostochn. i. ist. no. 2-152-172 '67.

371.3(73)—United States of America  
Translating with the help of analysis of business cases. V. I. Ust'va. Vest. Mosk. un. Ser. 7. Ek. 23 no. 5-76-82 S-O '68.

371.6 Rules. Attendance. Prizes. Discipline  
From the stores of pedagogical experience. V. Boltaev. Nar. obr. no. 4-46-47 Ap '68.  
Let us consider our "difficult" students. L. Zimin. Prof. -tekh. obr. 23 no. 7-14-15 Ji '68.

371.6 Teaching and training rooms and equipment  
Closed circuit television systems are being perfected. G. N. Ponikarovsky, G. V. Ryzantsev. Vest. vys. shkoly 26 no. 4-37-41 Ap '68.  
The effectiveness of instruction and technology. G. V. Zimin. Vest. vys. shkoly 26 no. 3-37-40 Mr '68.  
Every technical school should have a fully equipped laboratory. D. I. Chuprunov. Sred. spets. obr. 15 no. 5-2-4 My '68.  
An important meeting of the section. Sred. spets. obr. 15 no. 5-23-24 My '68.  
In order to have enough teaching devices. V. V. Rudenchik. Vest. vys. shkoly 26 no. 4-34-38 Ap '68.  
The X-54 machine in a course in descriptive geometry. I. A. D. Kaplun. Vest. vys. shkoly 26 no. 4-29-31 Ap '68.  
Self-preparation and control before practical training. I. M. Ryzhenko. Vest. vys. shkoly 26 no. 4-31-33 Ap '68.

371.7 School hygiene. Health. Physical training. games  
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Improvement of the Soviet system of physical education. G. I. Kuzushkin. Teor. i prak. fiz. kul't. 31 no. 6-50-52 Jo '68.  
State of the anti-diphtheria immunity in children at children's collectives in Kazan. N. P. Kudryayeva, R. Smirnova. Trudy Kaz. gos. med. inst. 16: 291-297 '64.

371.7(471.41)—Tatars A. S. S. R.  
Experience in the elimination of a diphtheria outbreak at one of the schools in Kazan. V. I. Kachurina, V. M. Plekhanova, N. S. Shamsutdinov. Trudy Kaz. gos. med. inst. 16: 281-290 '64.

371.8 School life. Customs. Honor, uniform, etc.  
Heroes dead of their fathers are in the hearts of the young. I. Sapakhi. Prof. -tekh. obr. 23 no. 7-12 Ji '66.  
Student conferences are in progress. V. P. Shcheglov, M. S. Vasil'ev, V. M. Eltinger. Vest. vys. shkoly 26 no. 4-78-79 Ap '68.  
"What would I tell Lenta today?" S. Shamaeva. Nar. obr. no. 4-29-31 Ap '68.  
With Lenta in the heart. O. Tolchinskaya. Nar. obr. no. 4-32-34 Ap '68.

371.8(474.3)—Latvian S. S. R.  
Along the paths of the way years. V. Urv'ev. Prof. -tekh. obr. 23 no. 7-12-14 Ji '66.

371.8(571.54)—Buryat A. S. S. R.  
The instructor of a club. Ch. Budaev. Nar. obr. no. 6-83 Jo '68.

371.9 Education of special categories of pupils: handicapped, blind, deaf and dumb, etc.  
371.9(41)—United Kingdom and Northern Ireland  
Delegation of the All-Russian Society of the Blind in England. M. Dzevlin. Sots. obesp. 43 no. 10-60-63 O '69.

371.9(471.232)—Leningrad City  
Travel pass for life for the disabled veterans. V. Petrov. Sots. obesp. 43 no. 10-30-32 O '68.

372 Preschool and elementary or primary education  
It concerns workers in public education. V. Vasov. Agitator no. 17-82 S '68.

373 Secondary education  
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The lesson and life. I. Malkin. Nar. obr. no. 4-inseri Ap '68.  
Qualified specialists should be trained in road transportation secondary technical schools. G. Efremov. Avi. transport. 46 no. 8-49-51 S '68.  
Soviet pedagogy: dedicated to the Teacher's Day. N. P. Pavlenova. Agitator no. 17-36-38 S '68.

373(575.1)—Uzbek S. S. R.  
Happiness of a teacher. M. Sabol'ov. Pavl. zhizn' [Uzb.] 11 no. 6-78-79 Ag '68.

373.6 Technical and vocational institutes, polytechnical institutes  
Conference on problems in vocational orientation. Nar. obr. no. 4-126 Ap '68.  
Delegates to the 23rd Congress of the CPSU are the guests of the students. V. Hkin. Prof. -tekh. obr. 23 no. 7-8 Ji '66.  
Economic work in a school. A. V. Ippov. Prof. -tekh. obr. 23 no. 7-23-24 Ji '68.  
The employment of youth. Otv. na vop. reb. no. 22-3-7 '67.  
Every technical school should have a fully equipped laboratory. D. I. Chuprunov. Sred. spets. obr. 15 no. 5-2-4 My '68.  
A four-year seminar. A. I. Kukui. Sred. spets. obr. 15 no. 5-15 My '68.  
In the Board of Personnel Training of the Central Statistical Administration of the U. S. S. R. Bukh. uch. 27 no. 6-78 Jo '68.  
In the State Committee for Vocational and Technical Education attached to the Council of Ministers of the U. S. S. R. Prof. -tekh. obr. 23 no. 7-7 Ji '66.  
Let us meet the new school year in an organized way! Prof. -tekh. obr. 23 no. 7-1-2 Ji '66.  
The optimal extent of training needed for an adequate preparation of workers, a problem which has to be studied. L. Zvezdev. Prof. -tekh. obr. 23 no. 7-6 Ji '66.  
Preparing for the hiring of young workers. N. Shil'nikov, N. Shcheglov. Prof. -tekh. obr. 23 no. 7-30 Ji '68.  
A "seasonal" congress. N. Altun. Prof. -tekh. obr. 23 no. 7-32 Ji '66.  
Vocational orientation and sport guidance of students. K. K. Platonov, S. S. Greshenkov. Teor. i prak. fiz. kul't. 31 no. 5-40-41 My '68.

373.6(471.232)—Leningrad City  
Pedagogical education of future vocational training instructors. A. Elshelov. Prof. -tekh. obr. 23 no. 7-21-22 Ji '66.

373.6(471.310)—Moscow City  
School for entrepreneurs. E. Chorvita. Sov. larg. 41 no. 9-32-34 S '68.

373.6(471.311)—Moscow Province  
Technical creation of the students. I. A. Ushakovskii. Sred. spets. obr. 15 no. 5-31-33 My '68.

- 373 (6471.315)—Ivanovo Province  
The traditions of workers. A. Demidov, A. Khomutov. Prof.-tekhn. obr. 23 no. 7:9-10 JI '68.
- 373 (6471.53)—Perm Province  
A acquaint the student with various industrial specialties. L. Zhilvaikin. Prof.-tekhn. obr. 23 no. 7:5 JI '68.
- 373 (6471.54)—Sverdlovsk Province  
An important meeting of the section. Sred. spets. obr. 15 no. 5:23-24 My '68.
- 373 (6471.62)—Krasnodar Territory  
Students of rural schools value technology. N. Kaluzhnyi. Nar. obr. no. 4:75-77 Ap '68.
- 373 (6474.5)—Lithuanian S.S.R.  
Increasing the use of technical aids in education. S. Mazulis. Sred. spets. obr. 15 no. 5:10-12 My '68.
- 373 (6477)—Ukrainian S.S.R.  
Programmed instruction in the Kharkov technical schools. N. Ia. Sakhanov, L. A. Troitskii, V. I. Chernokov. Sred. spets. obr. 15 no. 5:10-18 My '68.  
The use of fixed assets. P. Elemenko. Prof.-tekhn. obr. 23 no. 7:23 JI '68.
- 373.63 Agricultural training  
373 (68471.83)—Slavropol Territory  
A student work brigade. I. Pervin. Nar. obr. no. 4:78-81 Ap '68.
- 374 Further education. Private study. Adult education  
First classes at the faculty for the improvement of qualifications. M. M. Mikhailov. Sred. spets. obr. 15 no. 5:5-7 My '68.  
Habit of a social worker and the experience of a teacher. V. A. Gandel'man. Vest. vys. shkoly 26 no. 4:70-72 Ap '68.  
Improving inspections in evening schools. N. Balov. Vech. sred. shkola 11 no. 5:32-35 S-O '68.  
Improving the qualifications of planning organ workers. I. U. Novgorodskii. Plan. khoz. 45 no. 10:88-87 O '68.  
Let us show more concern for evening school students. G. A. Ignatov. Vest. vys. shkoly 26 no. 3:17-22 Mr '68.  
N. K. Krupskaya. Correlation of training and education of adults. A. K. Bushlina. Vech. sred. shkola 11 no. 5:10-14 S-O '68.  
Narration in the 5th-8th grade. I. S. Petunina. Vech. sred. shkola 11 no. 5:50-52 S-O '68.  
Observations, thoughts, and suggestions. A. Zvonitsov. Prof.-tekhn. obr. 23 no. 7:28-29 JI '68.  
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University of technical progress and progressive work practices. Avt. transp. 46 no. 0:54 S '68.  
What has to be done. A. Darinskii. Nar. obr. no. 4:82-86 Ap '68.
- 374(471.313)—Ryazan Province  
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- 374(497.2)—Bulgaria  
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- 380.13 Market analysis and research  
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- A new catalytic reaction for determination of iridium. L. P. Tikhonova, K. D. Tsitsmirskii. Zhur. anal. khim. 23 no. 9 1413-1415 S '68.
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- Application of radioactive  $Rb^{80}$  isotope for the labelling of available potassium in soil and fertilizers. K. F. Oladkova, L. E. Fokina. Agrokhiimiya no. 8 105-174 Ag '68.
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- Nature of the inflection of the mixtures of ethane with chlorine. K. Z. Labadze, M. Urushadze, V. I. Kokochashvili. Trudy Tbil. gos. univ. 104 153-161 '64.
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- Optical isomerism of secondary halogenated amines.** I. U. Gatilov, L. B. Ionov. *Zhur. obshch. khim.* 38 no. 9 2106-2108 S '68.
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- Separation of radioactive phosphorus from irradiated sulfur.** R. F. Brigeovich, R. A. Kuznetsov. *Radiochimia* 10 no. 4 487 '68.
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- Study of fluorine in the surface soils of Georgia.** I. A. P. Moseshvili, M. M. Ugulava. *Trudy Tbil. GU* no. 104: 7-9 '64.
- 546.1 (574)—Kazakh S. S. R.
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- Action of carbon dioxide on peroxyhydrates of potassium and sodium carbonates.** I. I. Vol'nov, V. N. Chumova. *Izv. AN SSSR. Ser. khim.* no. 7 1615-1616 J1 '68.
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- Concentration dependences of mean atomic volumes of the oxides of transition metals of IV and V subgroups.** G. P. Shvelkin and others. *Zhur. fiz. khim.* 42 no. 0 2178-2183 S '68.
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- Phase analysis of zinc. I. U. S. Lialkov, M. I. Kitovskaja. Ukr. khim. zhur. 34 no. 9:904-907 '68
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- Composition of titanium phosphate in phosphoric acid solutions of various concentration. D. I. Kurbatov, S. A. Pavlova. *Trudy Inst. khim. UFAN SSSR* no. 10 73-79 '68.
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## 548.8 (202.8) — Caspian Sea

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- 547.1. Generalities**
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- Anodic condensation of haloacetylenes. L. I. Kazakova, M. A. Fioshin, I. A. Avutskaya. *Zhur. ob. khim.* 41 no. 6:1326-1329 '68.
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- Economics of the production of benzene by platforming and dehydrocyclization of *n*-hexane. A. G. Litvinenko, A. V. Litur, M. N. Frid. *Trudy GrozNII* no. 23:3-9 '67.
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- Supplying the organism of athletes with vitamin A. I. M. Borisov. *Teor. i prak. fiz. kul't.* 31 no. 6 34-35 My '68
- Water spaces in the organism, secretion of the digestive glands, and diuretics. B. E. Esapenko, A. P. Kostromina. *Fiziol. zhur.* 54 no. 8 966-970 Ag '68
- 612.4 Glandular physiology. Secretion. Excretion**
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- Effect of partial decortication of cerebral hemispheres on some endocrine reactions in different rodent species. I. I. Ivanova. *Nauch. dokl. vys. shkoly, biol. nauk* 11 no. 6 38-41 '68
- Effect of the thyroid gland on phagocytosis. V. M. Meshkov. *Pat. fiziol. i eksp. terap.* 12 no. 5 69-70 S-O '68
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## 612.5 Animal heat. Body temperature

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- Changes in the temperature of the liver, rectum and skin in dogs with pyrogenal fever. B. I. Kadykov, S. I. Lulinskii. *Pat. fiziol. i eksp. terap.* 12 no. 4 67-50 Ji-Ag '68
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- Noninfectious (dienecephalic and endocrine) hyperthermia. R. S. Ivanov. *Vop. pat. krovi i krovoobr.* no. 8 42-56 '68
- Reaction of the vessels in dog's extremities to the increase of blood temperature. I. A. Manuilov. *Fiziol. zhur.* 54 no. 8 930-936 Ag '68
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- 612.6 Reproduction. Development. Growth. Aging. Death**
- Acceleration of pubescence and motor activity in adolescents. I. M. Arestov. *Teor. i prak. fiz. kul't.* 31 no. 8 44-47 Ag '68
- Changes in the reproductive function in animals thyroidectomized at sexually immature and mature ages. M. V. Makarenko. *Fiziol. zhur.* [Ukr.] 14 no. 4 490-503 Ji-Ag '68
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- Effect on gonadotropic, luteogenic and sex hormones on lactation. B. R. Gotsulenko. *Fiziol. zhur.* 54 no. 8 971-978 Ag '68
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- 612.7 Organs of movement. Voice. Skin**
- Construction of the canal of the transverse processes of the cervical vertebrae. M. M. Drozdova. *Arkh. anat., gist. i embr.* 55 no. 9 16-21 '68
- Contraverted problems of aging of the skeleton. B. A. Nikituk. *Ortop., travm. i protez.* 29 no. 10 1-9 O '68
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- Typological changes in the swiftness of motor reaction after a training load. N. D. Sinani. *Teor. i prak. fiz. kul't.* 31 no. 8 41-44 Ag '68

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- Cytochemical differences in afferent and efferent neurons. I. S. Kuglov. *Arkh. anat., gist. i embr.* 55 no. 9 41-47 '68
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# 615.3(479.24)—Azerbaijan S. S. R.

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# 615.7 Drugs according to action. Chemotherapy

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# 615.8 Physiotherapy and other treatments

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- Vascular lesions in rheumatism. N. I. Vinogradov. Vop. pat. krovi i krovoobr. no. 8:87-88. '68.
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State of some problems of hematology and blood transfusion in France. F. B. Frantsuzin, K. N. Klimova, N. V. Shestakov. Probl. gemat. i perekr. krovi 13 no. 11:58-63. N '68.

# 616.1(470.24)—Azerbaijan S.S.R.

Dynamics of diagnostic (diacranosis) and effectiveness of the treatment of hypotension during 10 years (1953-1962). T. A. Mirzova. Azerb. med. zhur. 45 no. 8:48-51. Ag '68.

# 616.2 Respiratory diseases

Allergic effect of aerosol vaccination and revaccination against typhoid fever on the organs of respiration. L. S. Kravtina, A. F. Smertina, G. E. Saburov. Zhur. mikrobiol. epid. i immun. 45 no. 8:130-132. Ag '68.

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Antituberculosis dispensary in the period of further reduction of tuberculosis morbidity. F. V. Shebanov, I. G. Urosov. Probl. tub. 43 no. 9:9-11. '65.

Axillary surgical approach to lung resection for tuberculosis. V. S. Dubasov. Grud. khir. 7 no. 5:110. S-O '65.

Azygosgraphy in lung cancer. V. A. Kholed. Grud. khir. 7 no. 5:10-14. S-O '65.

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- Bronchial calculus. M. A. Dantsker, T. V. Epshteyn, Khirurgia 41 no. 5:69-71 My '65.
- Bronchial papilloma. L. S. Sukovatykh, I. A. Golubovich, A. S. Sapun, Vop. onk., 14 no. 9:108-109 '68.
- Case of a benign tumor simulating echinococcosis. G. M. Kerimova, Azerb. med. zhur., 45 no. 8:80-81 Ag '68.
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- Case of penetrating knife wound of the heart, diaphragm and stomach. A. B. Galitskii, Grud. khir., 7 no. 5:95 S-O '65.
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- Cervical atherocele and laryngocele. G. M. Tytler, I. F. Shul'ga, Vest. rent. i rad. 43 no. 3:88-90 My-Je '68.
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- Changes in the electroencephalogram and neuropsychic disorders in patients with pulmonary tuberculosis treated with cycloserine. N. V. Chelnokova, Antibiotiki 13 no. 10:918-924 O '68.
- Changes in the external respiration and some hemodynamic indices in senile patients with fractures. V. M. Litman, M. N. Malova, Otiop., travm., i protez. 28 no. 10:9-13 O '68.
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- Characteristics of the pathogenesis and clinical aspects of cancer in women. A. V. Grigorian, S. V. Lokhovskii, E. L. Lerner, Vop. onk., 11 no. 9:19-23 '68.
- Circular resection for postoperative bronchial stenosis. V. I. Kuznik, Grud. khir., 7 no. 5:101-102 S-O '65.
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- Comparative evaluation of surgical approaches in lung resection. D. P. Chukhtenko, V. A. Bondarenko, N. M. Granovskii, Grud. khir., 7 no. 5:80-85 S-O '65.
- Concentration of ethionamide in the blood of pulmonary tuberculosis patients. I. B. Blak, Probl. tub. 43 no. 9:71-76 '65.
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- Some remarks concerning the discussion of open fractures.** F. R. Bogdanov. Ortop., travm. i protez. 29 no. 9:88-90 S '68.
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- Treatment of patients with multiple ankylosis.** V. M. Musevi, S. S. Movlova. Azerb. med. zhur. 45 no. 4:85-91 Ap '68.
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621.6(73)—United States of America  
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621.73 Forges Forge and hammer work  
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## 621.79(52)—Japan

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## 621.791 Welding and allied techniques

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## 621.791(471.13)—Kont A. S. S. R

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## 621.791(477)—Ukrainian S. S. R

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## 621.791(477.6)—Donetsk Basin

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## 621.791(574)—Kazakh S. S. R

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621.792 Joining by adhesion. Bonding, gluing. Pressure joint lines, plugging, caulking.  
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## 621.798 Packaging

Controlling the operation of packing presses. A. N. Gvetchkov, A. D. Polianskiy, S. V. Fevaley. Metallurg 13 no. 10:35 O '68.  
Economic method of packaging dry roach. I. A. Shishkanova, G. N. Alekseeva. Ryb. khoz. 44 no. 10:57-59 O '68.

## 621.8 Power transmission. Materials handling. Mechanical fixing, attachment. Lubrication

Creation of a machine for adjusting railroad ties. A. N. Cherkasov. Transp. stroi. no. 3:27-28 Mr '68.

Improved system for the lubrication of the D-50 engine. I. Agafonov. Tekh. v sel'khoz. 28 no. 8:46-48 '68.  
Modernized P-10/755 distributor. P. Medvedskiy. Tekh. v sel'khoz. 28 no. 8:67 '68.  
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## 621.82 Transmission systems and parts

Controlling the hardness of parts made of wood. B. E. Gashkin, A. G. Bendin. Mashinostroi. no. 8:38 Ag '68.  
Electrical differential system in winding mechanisms. S. V. Pastin, A. E. Pankov, I. U. B. Khlazev. Elektriches. stroi. no. 9:88-89 Ag '68.  
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Improving the anti-friction properties of teflonite separators. I. M. D'achenko. Mashinostroi. no. 8:40-41 Ag '68.  
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Methods of calculating the work duration of self-lubricating bearings. V. D. Zozulita, Porosh. met. 8 no. 9:16-20 S '68.

## 621.83 Gears, cams, links, ratchets

Calculating maximum parameters in diagonal gear milling. B. K. Shumakov. Stan. i instr. 39 no. 6:15-19 Je '68.  
Calculation of optimum tolerances for parameters of a pneumatic drive. A. V. Udalov. Izv. vys. ucheb. zav.; mashinost. no. 1:88-93 '68.  
Causes for shearing tooth of a cutting tool subjected to grinding. S. I. Aizimova, E. I. Malinkina. Stan. i instr. 39 no. 8:34-35 Je '68.  
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Device for machining corrected globoid worm gears. N. A. Shevchenko, I. U. B. Khlazev, E. A. Simonenko. Stan. i instr. 39 no. 8:9-10 Je '68.  
Experimental study of stresses in rims of gear wheels. S. M. Mashev, V. T. Antonuk. Avi. prom. 34 no. 6:23-25 Je '68.  
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Localization of contact area in a hilly worm gear with a straight-tooth spur wheel. S. N. Shatokin, V. N. Shestakov. Izv. vys. ucheb. zav.; mashinost. no. 1:13-21 '68.  
New machine-tool. Stan. i instr. 39 no. 6:44 Je '68.  
Problem of geometry of Novikov bevel gear drives. S. I. Minchenko. Izv. vys. ucheb. zav.; mashinost. no. 1:9-13 '68.  
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Theoretical principles for an experimental study of planetary transmissions at a closed balancing testing stand. D. I. Shalkus. Izv. vys. ucheb. zav.; mashinost. no. 1:13-18 '68.  
Wood plastics in worm gears. I. I. Shapiro. Mashinostroi. no. 8:31-32 Ag '68.

## 621.85 Flexible transmissions and drives

Elastically modulus of flat rubber-fabric structures under extension and compression. L. I. Zolotukhina, V. A. Lepetov. Kauci. i rez. 27 no. 10:40-43 '68.  
Study of effect of loading on wear of roller chains. V. P. Baranchik. Izv. vys. ucheb. zav.; mashinost. no. 1:60-62 '68.

## 621.88 Materials handling. Mechanical handling and hoisting equipment

Adopting the conveyor transportation in open-pit mines. A. N. Ziatyrev, M. E. Gile'man, S. A. Berezin. Gor. zhur. 144 no. 10:28-29 O '68.  
Beltman proportioning device. A. Shmaldor. Avi. dor. 31 no. 7:31-32 J1 '68.  
Contactless equipment for controlling the location of mine hoists. I. V. Bizin and others. Gor. zhur. 143 no. 8:50-51 Je '68.  
Containers for the repair shop. V. Konopla. Tekh. v sel'khoz. 28 no. 8:76-78 '68.  
Efficiency of conveyor transportation. N. V. Vasil'ts and others. Trudy IGD(Sverd.) no. 17:170-180 '67.  
Efficiency of dragline piling in railroad transportation of overburden in the open-pit mines of Kuznetsk Basin. A. S. Kravtsov, N. N. Mel'nikov, A. K. Opetchuk. Ugol' 43 no. 6:42-44 Je '68.  
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- Load distribution in trunk conveyors with thermal and intermediate drives. D. M. Belen'ku. Izv. vys. ucheb. zav., gor. zhur. 11 no. 6 113-116 '68.
- Mechanizing maintenance and repair of metallurgical furnaces. V. F. Morozov. Metallurg 13 no. 10 20-21 '68.
- Method of loading rock mass with excavators operating in cycles on face conveyors by moving vibrating screen-feeders. A. N. Shilin and others. Trudy IGD(Sverd.) no. 17 94-97 '67.
- Mining multigrade ores with full conveyor transportation in open-pit mines. A. L. Kabakov. Trudy IGD(Sverd.) no. 17 105-108 '67.
- Operational reliability of conveying equipment in open-pit mines. A. N. Shilin, N. L. Stakheev. Trudy IGD(Sverd.) no. 17 158-163 '67.
- Overall mechanization of hoisting, transporting and warehousing operations. I. I. Poddubitskiy, M. I. Yast'ev. Avi. prom. 34 no. 6 3-5 Je '68.
- Preliminary calculations of traction of conveyors with complicated routes. Z. I. Mautokatis. Mekh. i avtom. no. 22 no. 9 39-41 '68.
- Protection of conveyor belts against longitudinal fractures. V. V. Sidorov. Mekh. i avtom. no. 22 no. 9 22-23 '68.
- Redesigning belt conveyor loaders for lumpy abrasive materials. A. O. Spivakovskiy and others. Gor. zhur. 143 no. 6 148-51 Je '68.
- Silo cement loader. Transp. stroi. no. 3 52 Mr '68.
- Standardization and unification of load-lifting devices. A. T. Zhmakov. Mont. i spets. rab. v stroi. 29 no. 5 25-26 31 Je '67.
- Technology of loading conveyor hoists. V. I. Kovalev. Trudy IGD(Sverd.) no. 17 60-93 '67.
- Transportability of concrete filling mixtures. E. O. Shtrubek, V. P. Kravchenko. Gor. zhur. 144 no. 10 37-38 O '68.
- Unit for freight lifting and lowering. A. S. Pervushin. Mekh. i avtom. no. 22 no. 9 18 '68.
- Vertical shaft sinking with the aid of PA-2 moving units. A. M. Solntsev, G. G. Spridenko. Ugol' Ukr. 12 no. 6 44-45 Je '68.
- 621.88(479.24)—Azerbaijan S. S. R.  
New equipment and norms research service. Kh. Aliev, S. Mirzaev. Organ. i upr. nefteob. prom. no. 0 20-22 '68.
- 621.87 Cranes and other hoisting mechanisms. Excavators, dredgers, etc.  
Assembly of equipment by bridge cranes operating on a temporary network. A. P. Utaiskiy, F. I. Laptev. Mont. i spets. rab. v stroi. 29 no. 1 23-24 Ja '67.
- Breaking up frozen ground with a power pick-equipped excavator. V. G. Tschinoga. Stroi. i tuboprov. 13 no. 6 35-36 Je '68.
- Bridge crane beams in reinforced concrete. L. I. A. Isterman. Energ. stroi. no. 28 58-60 '62.
- Cable crane for conveying concrete mix during the erection of bridge piers. I. M. Tkachonko. Avi. dor. 31 no. 7 30 JI '68.
- Catamaran crane vessel "Ker-Ogly". V. E. Gubanov. Sudostroenie 58 no. 8 3-11 Ag '68.
- Determining quantitative characteristics for reliability of 6 364 m.s. ropes on EKG-4 excavators. A. A. Suslov, A. G. Kosenko, N. N. Krut'kov. Izv. vys. ucheb. zav., gor. zhur. 11 no. 6 110-112 '68.
- Determining the optimum performance and the methods of mining working faces for rotary bucket excavators with inextensible jibs. I. U. D. Plat'ykh. Gor. zhur. 144 no. 9 23-25 S '68.
- Determining the pressure on the wheels of multibearing pneumatic-wheel cranes. L. B. Shtelnberg. Stroi. i dor. mash. 13 no. 9 25-26 S '68.
- Determining the tolerance in size of ball and roller bearings of swivel and support plates. A. M. Kazanskii. Stroi. i dor. mash. 13 no. 9 34-35 S '68.
- Digging trenches with the ER-74 excavator in frozen ground. A. I. Gaidar. Stroi. i tuboprov. 11 no. 9 28-29 S '68.
- Dynamic properties of excavator electric drive with critical self-excitation of the generator. V. G. Bazilevskiy. Izv. vys. ucheb. zav., gor. zhur. 11 no. 6 133-138 '68.
- Efficiency of scraper columns. M. A. Shubin, I. I. Osmolovskiy. Transp. stroi. no. 3 26-27 Mr '68.
- Erecting three-dimensional structures of treaties by the use of several cranes. P. A. Banniy. Mont. i spets. rab. v stroi. 29 no. 1 10-12 Ja '67.
- ERTs-402 trench digger. I. Z. Figitin, A. I. Ivanov. Stroi. i dor. mash. 13 no. 9 32 S '68.
- Excavator for digging trenches in oil and gas fields. I. N. Shpetkov. Stroi. i tuboprov. 11 no. 9 34-35 S '68.
- Experience in piling in the mountainous terrain beyond the Arctic Circle. V. K. Lebedev, L. A. Nikolaev, A. P. Bondar. Gor. zhur. 143 no. 6 73-74 Je '68.
- From the experience of work of the IJ, D. Sidorov excavator brigade. V. A. Alekseev. Mekh. i avtom. no. 22 no. 9 24-25 Je '68.
- Grader attachments. Stroi. i dor. mash. 13 no. 9 11-13.
- Increasing the longevity of intermediate gears and carrying guide rollers of rotary excavators. A. I. Gaidar, V. L. Gorokhovskiy. Stroi. i tuboprov. 13 no. 6 19-20 Je '68.
- Increasing the traveling speed of gantry cranes. B. E. Shelomov, A. E. Kozubov. Mont. i spets. rab. v stroi. 30 no. 4 18-19 Ag '68.
- Methods for calculating dynamic impact stresses in the turning mechanism of an excavator. D. A. Kaminskaya. Izv. vys. ucheb. zav.; mashinost. no. 1:128-132 '68.
- Methods of working high faces in Lebedi open-pit mine with 500-60 ditches and using water under pressure for the flushing out. S. I. Polezhaev, I. M. M. Tishchenko. Energ. stroi. no. 28 61-63 '62.
- Nov. KR-1562 automotive crane. A. P. Kulikov, V. I. Drozdov, I. P. Uitenko. Stroi. i dor. mash. 13 no. 9 22-21 S '68.
- Practice in using suction dredges with earth ejectors. V. P. Lakhtin. Shor. trud. VNIINord no. 23 109-112 '67.
- Results of investigations regarding the dynamic action of excavators on the ground. M. E. Pevzner, O. N. Androsova, V. P. Kostovelskiy. Izv. vys. ucheb. zav., gor. zhur. 11 no. 6 31-35 '68.
- Road building machinery. B. Filatov. Zhil. i kom. khoz. 19 no. 8 16 Ag '68.
- Specific resistance to the action of the working element of an ER-74 rotary trench digger. N. N. Kluge, S. S. Dubronin. Stroi. i dor. mash. 13 no. 9 36-37 S '68.
- The use of normal allocation for the service life of machine parts. K. P. Chudakov. Stroi. i dor. mash. 13 no. 9 20-21 S '68.
- Using similarity methods for dynamic investigations of digging mechanisms on single-bucket excavators. V. I. Khazak. Izv. vys. ucheb. zav., gor. zhur. 11 no. 6 97-101 '68.
- 621.87(431)—German Democratic Republic  
Vacuum lifts of the German Democratic Republic. Stroi. i dor. mash. 13 no. 9 26-27 S '68.
- 621.87(471.52)—Bashkir A. S. S. R.  
Self-loader of elongated loads. G. M. Vashin, V. I. Iltubayev. Stroi. i tuboprov. 11 no. 12 25 D '66.
- 621.87(497.2)—Bulgaria  
Hoisting and transportation machinery in the National Republic of Bulgaria. E. D. Galochkin. Stroi. i dor. mash. 13 no. 9 27-31 S '68.
- 621.88 Mechanical attachments and fixings  
Effect of microalloying and thermomechanical treatment on fatigue strength and cyclic relaxation of copper-base spring alloys. G. S. Ionychev and others. Izv. vys. ucheb. zav.; mashinost. no. 1:133-137 '68.
- Experimental study of distributed pressure against the supporting plane on the end coil of a helical cylindrical compression spring. V. N. Slukach. Izv. vys. ucheb. zav.; mashinost. no. 1:38-41 '68.
- Manufacturing of tempered guide screws. N. D. Krutkovskikh. Mashinostroi. no. 8 11 Ag '68.
- Nuts of guide screws for shifting heavy units. V. A. Bulkov. Stan. i instr. 39 no. 6 7-8 Je '68.
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- Wrench for tightening thread joints. G. I. Pionkov, I. L. Rubin, A. S. Molinikov. Mont. i spets. rab. v stroi. 29 no. 1 20-22 Ja '67.
- 621.89 Lubrication. Friction reducing and increasing devices  
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- 621.9 Tools. Machine tools. Machining  
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- Determining the shape of the cathode in electrolytic dimensional polishing. G. A. Alekseev, I. U. S. Volkov, I. I. Moroz. Stan. i instr. 39 no. 6 11-12 Je '68.
- Efficient fields of using narrow-work cutter-loaders with different operating mechanisms. V. I. Minchev. Ugol' 43 no. 6 50-53 Je '68.
- Hard-alloy boring bars with dynamic vibration dampers. E. A. Landon, V. F. Rovva. Stan. i instr. 39 no. 6 28-29 Je '68.
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- A new cutting tool. A. P. Dragan. Mashinostroi. no. 8 45 Ag '68.
- New developments in foreign technology. Avi. prom. 34 no. 6 47-11 Je '68.
- New method of part hardening. N. G. Belov. Mashinostroi. no. 8 33 Ag '68.
- Reversible binary decimal counter with logical couplings. A. I. Angolov, V. V. Bodnar. Stan. i instr. 39 no. 6 3-5 Je '68.
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- 621.9(497.2)—Bulgaria  
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- 621.91 Roughing, planing, shaping, slotting. Milling. Filing. Rasping. Broaching  
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- 621.92 Abrading, abrasives. Grinding, polishing. Crushing, separating and mixing  
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- Calculating grain composition of the rock products crushed in a centrifugal impact crusher. G. A. Mavlov. Shor. trud. VNIINord no. 23 121-127 '67.
- Calculating work parameters of refractory body maker. V. I. Makarov, A. P. I. m. m. Ognemoy 33 no. 9 10-12 '68.
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621.93 Sawing. Saws. Cutters  
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621.94 Lathes and lathe work. Turning  
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621.95 Drills and drilling. Reaming. Centering  
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621.96 Perforating. Blanking. Shearing. Cleaving  
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621.98 Sheet metal working, bending machines  
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622.1 Preliminary investigation. Exploration. Sampling and analysis  
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622.2 Mining operations. Exploitation and working of mineral deposits. Oil and gas well drilling  
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- 622.2 (571.17)—Kemerovo Province  
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- Recovery from pools with highly viscous petroleum. IU. I. Shnevel' and others. Neft khoz. 46 no. 9:50-55 S '68
- Use of TSh-7 1/2 T.L. turbodrills in well drilling in the Uzen' field. M. S. Chudnovskii, V. A. Burkhailo. Burenie no. 6:7-11 '68
- Using reinforced-concrete rod bolting and combined supports for the maintenance of slope roofs and reinforcement of support pillars in Dzhezkazgan mines. R. A. Ignat'ev and others. Gor. zhur. 143 no. 6:33-35 Je '68.
- Work practices of the Astasuskiy Mine Administration under conditions of the new system of planning and economic incentives. A. A. Kuz'min and others. Gor. zhur. 143 no. 6:11-16 Je '68.
- 622.2 (575.1)—Uzbek S. S. R.  
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- 622.3 Mining of specific minerals, ores, rocks, liquid and gaseous minerals  
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- At the Collégium of the Ministry of Coal Industry of the U. S. S. R. Ugol' 43 no. 9:73-74 S '68.
- Awarding bonuses in kind. V. Khutornn. Sov. shakht. 17 no. 10:7-8 O '68.
- Best type of freight car for ore transportation. V. K. Beashko, G. N. Shipilev. Zhei. dor. transp no 12 35-37 45 D '67
- Civil defense and coal industry. Ugol' 43 no. 9:58-61 S '68.
- Classification of potash deposits according to hydrogeological and engineering geology conditions. A. N. Andreichev. Gor. zhur. 143 no. 6:26-28 Je '68.
- Coal mine of tomorrow. V. S. Burechakov and others. Ugol' 43 no. 6:15-18 Je '68
- Complex and successive optimization of basic parameters of a coal mine in the block system of mining. S. M. Lipkovich, A. Sh. Zol'tvanskii. Ugol' 43 no. 6:32-35 Je '68
- Conditions and objectives of scientific research on continuous techniques in mining half coals, rocks, and ores in open-pit mines. M. V. Vasil'ov, B. V. Fedeev, A. N. Shilin. Trudy IGD(Sverd.) no. 17:9-20 '67.
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- Cost accounting for the production of coal. IU. Igumnov. Budk. uch. 27 no. 7:3-11 Ji '68.
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- Developing through a single well simultaneously two gas-bearing horizons with a slightly permeable dividing layer. V. I. Motilakov. Trudy AzNIIDN no. 15 169-175 '65.
- Does skip hoisting have any advantage in anthracite mines? A. G. Tikhonitov. Ugol' 43 no. 9:57-68 S '68.
- Economic reform and legal service. IU. S. Tsimmerman. Ugol' 43 no. 6:26-28 Je '68
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- Excavator for digging trenches in oil and gas fields. I. N. Shepkorov. Stroi truboprov 11 no. 9:34-35 S '68
- Experience in injecting water into coal seams from mine water pipe. G. E. Panov, V. V. Sunov, V. V. Silaev. Ugol' 43 no. 6:55-66 Je '68.
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- Experience in the complex degasification of coal mine sections. I. U. Bessonov and others. Ugol' 43 no. 6 61-65 Je '68
- Field of using cyclic-continuous flow sheets with major ore chutes. V. A. Shchekhanov, E. M. Denisov, A. A. Chuzhov. Trudy IGD(Sverd.) no. 17 109-113 '67
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- 50th anniversary of the Komsomol. L. Sanin and others. Sov. shakht. 17 no. 10 18-21 O '68
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- General review of living conditions of construction workers and medical services available to them. Stroi, truboprov. 13 no. 6 14 Je '68
- Great holiday of Soviet builders. Stroi, truboprov. 13 no. 8 1-3 Ag '68
- Highly efficient concentration tables for the preparation of small-class coals. I. S. Blagov, G. P. Ivanov. Ugol' 43 no. 6 68-73 Je '68
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- Hydraulic parameters and range of application relative to the flush out of advance cavities. A. A. Borisenko, O. V. Kovalev. Ugol' 43 no. 9 61-63 S '68
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- Increase the safety of using powered supports. I. F. Ivanov and others. Ugol' 43 no. 9 18-17 S '68
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- New advanced equipment for hydraulic mining gravel-sand quarries. Kh. Sh. Mustafin. Sbor. trudy VNIINerud no. 23 38-43 '67
- New developments in awarding bonuses. N. Budnikov. Sov. shakht. 17 no. 10 27-28 O '68
- New equipment and the new system of issuing bonuses. V. Podgurskii. Sots. trud. 13 no. 7 16-19 '68
- Operation of KM-97 units. I. U. K. Lopatenko and others. Ugol' 43 no. 9 50-53 S '68
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- Pay the greatest attention to problems of economics. B. B. Avdeev. Ugol' 43 no. 6 12-14 Je '68
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- Planning the effect of providing coal mines with equipment for the replenishment of fixed funds. N. A. Margulis. Ugol' 43 no. 8 24-26 Je '68
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- Revision of "Safety Regulations in Coal and Shale Mines." F. D. Shvachkov. Ugol' 43 no. 9 14-15 S '68
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- Study of the effect of annealing conditions of dolomites on their physicochemical properties. N. F. Blantsava, S. I. Khvostikov. Zhur. prikl. khim. 41 no. 6 1183-1190 Je '68
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- Use of glass tiles for the lining of compartments. V. V. Tutchev. Stroi, truboprov. 13 no. 6 34 Je '68
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- 622.3 (4/0.103)—Communist countries of the world
- For further development of the coal industry of the member-countries of CMEA. A. V. Dokukin, N. N. Ershov, E. N. Deigunov. Ugol' 43 no. 9 74-76 S '68
- 622.3 (4/0.104)—Capitalist countries of the world
- Monopoly capital in the petroleum industry of the capitalist world. A. I. Borodnev. Vest. Mosk. un. Ser. 7 Ekhn. 23 no. 5 58-65 S-O '68
- 622.3 (4)—Europe
- Our chief concern. Lucien Labruno. Vsem. prof. dvizh. no. 7 38-39 Ag '68
- 622.3 (471.13)—Komi A. S. S. R.
- Experience in introducing scientific organization of labor in coal mines of the Vorkutaugol' Combine. S. V. Sizov, A. G. Vasil'ev. Ugol' 43 no. 8 1-5 Je '68
- 622.3 (471.323)—Kursk Province
- Dressing aluminum ores of the Lobedi deposit in the Kursk Magnetic Anomaly. G. M. Kosol, A. A. Shtrilov, I. U. G. Novikov. Gor. zhur. 144 no. 10 58-60 O '68
- 622.3 (471.4)—Central and Lower Volga regions
- Potentials for the growth of labor productivity in the petroleum production industry of the Ural-Volga area. M. G. Dasaev. Trudy Geol. inst. Kazan, fil. AN SSSR no. 14 237-242 '68
- Some problems of economic effectiveness of geologic prospecting operations and the development of oil production in the central Volga Valley in the years 1966-1970. S. P. Nikonorov, M. G. Dasaev. Trudy Geol. inst. Kazan, fil. AN SSSR no. 14 243-250 '68
- 622.3 (471.41)—Tatar A. S. S. R.
- Determination of perspective costs of oil production in the Tatar A. S. S. R. K. I. Aizlov. Trudy Geol. inst. Kazan, fil. AN SSSR no. 14 223-229 '68
- Installation of industrial equipment. V. N. Zinov'ev. Stroi, truboprov. 13 no. 12 23-24 D '66
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- Yearly plan to be fulfilled by December 20th. R. Vafina. Stroi, truboprov. 13 no. 8 4-5 Ag '68
- 622.3 (471.43)—Kuybyshev Province
- Improving the organization of the large-scale transportation of freight in enterprises of the "Kuybyshevneft" Combine. V. I. Larin and others. Organ. i upr. nefteob. prom. no. 9 15-18 '68
- 622.3 (471.5)—Ural regions
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- Some problems of economic effectiveness of geologic prospecting operations and the development of oil production in the central Volga Valley in the years 1966-1970. S. P. Nikonorov, M. G. Dasaev. Trudy Geol. inst. Kazan, fil. AN SSSR no. 14 243-250 '68
- 622.3 (477)—Ukrainian S. S. R.
- At the Ministry of Coal Industry of the Ukrainian S. S. R. L. S. Piliukhanov, B. M. Shchekhanov. Ugol' Ukr. 12 no. 6 51-52 Je '68
- Coal industry of the Ukraine in 1967. Ugol' Ukr. 12 no. 6 53-55 Je '68
- Distribution of hydrocarbon-utilizing microorganisms in soils of the Borislav oil fields. I. P. Kryvyts'kiy, Mikrobiol. zhur. 30 no. 3 216-221 My-Jo '68
- Efficiency of using external water stemming in potash mines of the Western Ukraine. M. A. Samoilov, A. V. Slonchenko. Izv. vys. ucheb. zav.; gor. zhur. 11 no. 6 3-4 '68
- Methods for economic estimate of damages due to losses and depletion of iron ores in mines of the Kirovskiy Basins. M. D. Onishchenko, A. G. Khlobov. Gor. zhur. 144 no. 9 13-15 S '68
- Preparing low-phosphorus manganese concentrates from ores of the Gusevskaya-Basankan section of the Nikolovskiy deposit. I. A. Dokukova and others. Gor. zhur. 144 no. 10 55-57 O '68
- 622.3 (477.6)—Donets Basin
- Efficiency of using capital assets in the coal industry. V. Mykhal's'ka, A. Fedor'yushchova. Tekhn. rad. Ukr. 10 no. 6 58-62 Je '68
- Experience in organizing daily accounting of costs and sales of coal in mines of the Kostovugol' Combine. M. I. Feidman. Ugol' 43 no. 9 25-27 S '68
- Improving methods of developing and mining levels in mines of the Luganskugol' Combine. N. K. Ginz'ko and others. Ugol' 43 no. 9 20-31 S '68
- 622.3 (497.2)—Bulgaria
- Spalling of fine-grained coal mixtures in vertically vibrating pneumatic media. K. Krutova, St. Stoev. Ugol' 43 no. 9 64-69 S '68
- 622.3 (571.12)—Tyumen' Province
- Developments in the Tyumen' branch of the All-Union Research Institute of Pipeline Construction. A. V. Sizov. Stroi, truboprov. 13 no. 12 24-26 D '66
- It is recommended to use waterways and local building materials in Tyumen' Province. I. V. Tsygankov. Stroi, truboprov. 13 no. 9 36 S '68
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- Problems of supplying materials and equipment to the petroleum production enterprises of Western Siberia. M. K. Ol, A. Kuz'min. Organ. i upr. nefteob. prom. no. 9 10-15 '68
- 622.3 (571.17)—Kemerovo Province
- Improve mining costs in coal mine sections. I. Gumen'ko. Bukh. uch. 27 no. 7 11-14 Ji '68
- The No. 3 - 3-bis Mine is the standard bearer of Prokopyevsk Coalmining. N. V. Volynskiy, K. I. Sankin. Ugol' 43 no. 9 8-12 Je '68
- Technology of open-pit coal mining using hydraulic methods in the Kuznetsk Basin. G. A. Nurok and others. Ugol' 43 no. 9 37-41 Je '68
- 622.3 (574)—Kazakh S. S. R.
- Business accounting and material incentives. N. Kuz'minov, I. U. Annanov. Nar. khoz. Kazakh. no. 9 15 10 S '68
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- Potassium salts of the Zhilyansk deposit. B. M. Mikhailov and others. Nar. khoz. Kazakh. no. 9 83-84 S '68
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- Work needs and prospects of a petroleum and gas producing region. M. Isenov. Nar. khoz. Kazakh. no. 8 77-83 Ag '68
- 622.4 Mine services, installations, equipment
- Apparatus for measuring the flow of drilling fluid in diamond-drilled wells. A. M. Doron, M. S. Kovrinik. Geofiz. app. no. 33 148-163 '67
- Calculating variations of atmospheric pressure, air flow speed, and geodetic height in various methods of ventilation pressure measurements. V. A. Iartsev, V. A. Podlukov, I. U. A. Chudov. Izv. vys. ucheb. zav.; gor. zhur. 11 no. 6 67-71 '68
- Determination of the optimum depression of mines. N. I. Ivanov, G. V. Kudravitsev. Gor. zhur. 143 no. 6 67-69 Je '68

- Determining the depth of regulation and the total air flow in coal mines for controlling mine ventilation according to gas factor. R. B. Tlan Izv. vys. ucheb. zav., gor. zhur. 11 no. 6:81-86 '68
- Distribution of dynamically active gases in mine ventilation flows K. Z. Ushakov Izv. vys. ucheb. zav., gor. zhur. 11 no. 6:72-77 '68
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- Efficiency of using self-propelled units in carrying out development workings. V. I. Bobkov and others. Ugol' 43 no. 6:51-58 Je '68
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- Glass plastic blades for mine axial fans. V. V. Vasil'ev and others. Ugol' Ukr. 12 no. 6:28 Je '68
- Influence of climatic conditions on the efficiency of underground mining in boundary areas. V. A. Shchetkov and others. Gor. zhur. 144 no. 9:29-31 S '68
- Initial pressure of compressed air required in machines of the BM-60 type. S. A. Almanski, N. N. Gavrilov, Gor. zhur. 143 no. 6:35-37 Je '68
- Nonstationary heat exchange in a face zone subsequent to water injection into coal seams, and calculation of longwall heat taking into account the wetting. A. M. Ivanov. Ugol' Ukr. 12 no. 6:37-39 Je '68
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- Selecting economically efficient types of supports for coal mines with a high content of methane. M. T. Kirichenko. Ugol' Ukr. 12 no. 6:13-15 Je '68
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- 622.5 Mine water. Drainage Unwatering  
Drying automobile tracks in Rozdol open-pit mines. V. F. Retuskii, A. P. Trachenko, A. D. Sherstukov. Gor. zhur. 143 no. 6:72 Je '68
- 622.5 (571.511)—Taymyr National District  
Hydrogeological conditions of mineral deposits in the Noril'sk region. B. V. Vailikht, I. I. Rogozina. Uch. zap. NIIGA. Reg. geol. no. 12:189-200 '68
- 622.6 Haulage and handling. Hoisting Winding  
Automatic control of the proper operation of speed relays. L. I. Kompaniets and others. Ugol' Ukr. 12 no. 6:31 Je '68
- Automatic lock fittings for gas pipes of mine vacuum-pump stations. V. N. Shalokhin. Ugol' Ukr. 12 no. 6:23-30 Je '68
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- Characteristics and dependences of the scarifying process of soils. I. U. P. Nikiforov. *Izv. vuz. ucheb. zav.; stroi. i arkh.* 10 no. 8 84-89 '67.
- D-557S self-propelled middle-size grader for use in the North. B. N. Stavitskiy and others. *Stroi. i tuboprov.* 13 no. 9 1 S '68.
- D-709 quarry assembly for soil mix processing. D. I. Maryshov and others. *Avi. dor.* 31 no. 8 17 Ag '68.
- Determining the capacity of a material and engineering base for the construction of northern gas pipelines. D. K. Dubina. *Stroi. i tuboprov.* 13 no. 8 18-20 Ag '68.
- Determining the moisture of sand without drying it. V. P. Stoiakov. *Avi. dor.* 31 no. 8 20 Ag '68.
- Erecting 1-464-A large-panel buildings on loess. A. Holovchenko. *Bud mat. i konstr.* 9 no. 4 10 Ji-Ag '67.
- Experience in the use of piles with sand filling in the construction of supports at crossings. B. L. Gorlovskii, A. G. Gur'lanov. *Energ. stroi.* no. 28 70-71 '67.
- Fight against permafrost. L. Savinskii. *Inform. blul. VDNKH* no. 11 25-26 N '68.
- Improving the stability of pole foundations in heaving ground. N. D. Merenkov. *Transp. stroi.* no. 9 40 Ji Mr '68.
- Interaction of lining rings enclosed by rock. S. A. Chesnokov. *Transp. stroi.* no. 3 45-47 Mr '68.
- Interaction of water-bearing layers with mine shafts and tunnels. O. N. Kharitonov, V. S. Troianov. *Transp. stroi.* no. 3 47-48 Mr '68.
- New technology of the depth compaction of loess and loesslike soils using churn-drill rigs. I. N. Kruglov. *Stroi. konst.* no. 8 113-121 '68.
- Nomenclature of pile driving equipment produced by the enterprises of the Ministry of Construction and Road Machinery. *Stroi. i dor. mash.* 13 no. 9 21-23 S '68.
- Organization of production and labor in tunneling operations. N. F. Karasov. *Transp. stroi.* no. 3 20-21 Mr '68.
- The PKZ-1 device for a rapid determination of soil stability. L. P. Zagoruko. *Gor. zhur.* 144 no. 9 68-69 S '68.



624.1 (Continued)  
 Soil compactors with vibroprecussive action. B. A. Belostotskiy, B. I. Filippov, E. F. Falinskiy. Avi. dor. 31 no. 7-21-22 JI '68.  
 Some data on the moisture of soils in built-up areas. A. A. Sokolov. Izv. vyz. ucheb. zav., stroi. i arkhit. 10 no. 8 10-23 '67.  
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 Vibration tamping for compacting fill earth in narrow working spaces. G. I. Snygunov and others. Energ. stroi. no. 26:28-30 '62.  
 Welded joint in reinforced concrete piles. V. I. Akopov. Transp. stroi. no. 3 25-26 Mi '68.  
 Working principles of the new types of pickups for the direct measurement of compressive stresses in ground. G. E. Lazebnik. Stroi. konstr. no. 8:127-130 '68.  
 Working overwet clays. A. A. Malyshev, A. S. Plotitskiy. Avi. dor. 31 no. 7:8-9 JI '68.

624.1 (211)—Cold frigid regions  
 Thermal calculation of nonpressure water conduits with periodic flow under permafrost conditions. I. P. Konstantinov. Vod. i san. tekhn. no. 8 17-20 '68.

624.1 (571.51)—Krasnoyarsk Territory  
 Observing the state of thermal insulation of above-ground pipelines in permafrost regions. V. V. Ivon'tev. Stroi. i tekhnoproizv. 13 no. 8 20-21 Ag '68.

624.1 (575.3)—Tajik S. S. R.  
 From the construction experience on the sedimentary grounds of Tajikistan. S. L. Vorozhtsov, T. G. Sagdlov, A. V. Trippel. Trudy Tadzh. politekh. inst. no. 2: 31-36 '67.  
 Problem of designing foundations for the supports of the Murek-Tashkent electric power line at river crossings. S. A. Vavilova. Trudy Tadzh. politekh. inst. no. 2:37-41 '67.

624.2 Superstructures. Bridges  
 Assembly of combined lift of a bridge span. V. V. Alekseev, G. G. Rozenberg, S. I. Borisov. Transp. stroi. no. 3 10-11 Mr '68.  
 Determining tension in mast guys by the sighting method. E. N. Solozhenova. Mont. i spoiz. rab. v stroi. 29 no. 5: 17-19 Mr '67.  
 Erecting an 80 m. tower-attark by the building-up method. A. N. Andrusenko and others. Mont. i spoiz. rab. v stroi. 30 no. 4:6-8 Ap '68.  
 Erection of a cooling tower with spraying area of 2000 m<sup>2</sup>. E. I. Gurovich, I. U. I. Zybin. Mont. i spoiz. rab. v stroi. 29 no. 5 11-13 My '67.  
 Erection of highway bridge spans by means of truss hoisters. I. N. Bubenshchikov, I. G. Vypov. Transp. stroi. no. 3 11-12 Mr '68.  
 Improved formulas. I. U. I. Inosov. Avi. dor. 31 no. 8: 25 Ag '68.  
 Methods of calculating erosion under bridges. G. A. Fedotov. Avi. dor. 31 no. 1:28-29 Ja '68.  
 New design for precast bridge piers. N. N. Dorofeev. Transp. stroi. no. 3 50 Mr '68.  
 Single-stage prestress for process piping. Diul. stroi. i tekhn. 29 no. 11:32-33 N '67.  
 Studying bridge piers by the modelling method. K. V. Tatarinov. Transp. stroi. no. 3 42-44 Mr '68.  
 Thermoplastic waterproofing of a bridge deck. I. A. N. Novikov and others. Transp. stroi. no. 3 13-14 Mr '68.

624.2 (474.3)—Latvian S. S. R.  
 Economic modern construction of a viaduct over Lake Lorne, R. Kh. Svika and others. Avi. dor. 31 no. 1: 22-24 Ja '68.

## 625 Railway, highway engineering

Complete ahead of schedule the five-year plan. Transp. stroi. no. 3 1-2 Mr '68.  
 In the Collegium of the Ministry. Transp. stroi. no. 3: 61 Mr '68.  
 In the Technical Council of the Ministry of Transportation Construction Transp. stroi. no. 3 62-63 Mr '68.

625.1 Railway engineering. Equipment and track  
 Approximate relation between weight of rails and exploitation factors. G. M. Shakhmurov. Trudy MIIT no. 271 123-168 '68.  
 Assembly of combined lift of a bridge span. V. V. Alekseev, G. G. Rozenberg, S. I. Borisov. Transp. stroi. no. 3 10-11 Mr '68.  
 Causes of breakage of continuous rails. V. N. Baryshin, V. P. Cherny, Zhe. dor. transp. no. 12:57-58 49 D '67.  
 Creation of a machine for adjusting railroad ties. A. N. Cherkasov. Transp. stroi. no. 3:27-28 Mr '68.  
 Determining the asymmetric cycle coefficient from experimental data. M. B. Smirnova. Trudy MIIT no. 271 118-119 '68.  
 Determining the longovity distribution in R65 rails. M. B. Smirnova. Trudy MIIT no. 271:120-122 '68.

Distribution of principle stresses and plastic deformation in the upper part of the R65 rail heads. A. M. Nikonov. Trudy MIIT no. 271:103-117 '68.  
 Efficiency of scraper columns. M. A. Shubin, I. I. Osmolovskiy. Transp. stroi. no. 3 26-27 Mr '68.  
 Improving the structural quality of roadbeds. D. I. Tsvetlov. Transp. stroi. no. 3 3-4 Mr '68.  
 Increasing the mechanization of track maintenance work. V. I. Shvalov, V. F. Atamanovskiy. Zhe. dor. transp. no. 12 81-85 49 D '67.  
 Increasing traffic capacity of double track lines. M. Z. Afrosimovskiy. Zhe. dor. transp. no. 12 28-30 49 D '67.  
 Mechanical characteristics of R65 rails of standard manufacture. G. M. Shakhmurov and others. Trudy MIIT no. 271:3-101 '68.  
 Rail vibration under a moving varying load. A. I. Kogan. Vest. TSNI MPS 27 no. 1:7-11 '68.  
 Widening rock excavations for a double track. I. U. I. Khomov and others. Transp. stroi. no. 3 4-6 Mi '68.

625.1 (73)—United States of America  
 Investigating heavy-type rails of United States railroads. A. M. Nikonov. Trudy MIIT no. 271:167-179 '68.

625.2 Rolling stock, locomotives, etc.  
 Deformation of the exterior rim faces of cylindrical roller bearings in the axial direction. V. N. Tshurenko, B. V. Didov. Vest. TSNI MPS 27 no. 1:15-18 '68.  
 Diagrammatic method of planning and controlling locomotive repair plants. A. G. Kirisanov. Zhe. dor. transp. 50 no. 7 39-47 JI '68.  
 Efficiency of rolling stock is growing. V. M. Kovshinskii. Zhe. dor. transp. 50 no. 7 25-26 JI '68.  
 Establishing location time norms for locomotives at turn-around points. I. B. Sotnikov, N. A. Samarin, A. A. Vygnanov. Zhe. dor. transp. no. 12 30-32 49 D '67.  
 How to improve the performance of gas turbine locomotives. L. A. Danilov, M. F. Butiak. Zhe. dor. transp. no. 12 50-54 49 D '67.  
 How to improve the planning of freight cars repair. I. U. I. Danilov. Zhe. dor. transp. 50 no. 7 61-63 JI '68.  
 Improved use of diesel locomotives. V. F. Kaplitsin. Zhe. dor. transp. no. 12:55-56 49 D '67.  
 Increasing the operational reliability of electropneumatic brakes. V. F. Repno-Golovko. Zhe. dor. transp. 50 no. 7 63-65 JI '68.

Mechanized cleaning of railroad cars. O. L. Ivanov. Metallurg 13 no. 10 37-38 O '68.  
 New electric locomotive for open pit mines. B. R. Bondarenko, N. A. Merkulov, M. M. Usachov. Spos. nauch. i. trud. LIIII 0:212-226 '67.  
 New research in the field of dynamics of springless rolling stock. N. N. Kudrjavtsov, M. I. Kulagin, G. S. Khvosik. Vest. TSNI MPS 27 no. 1:1-6 '68.  
 Optimization methods in the design of the mechanical portions of electric locomotives. A. I. Kravchenko. Spos. nauch. i. trud. LIIII 9:389-398 '67.  
 Overall mechanization of passenger-car painting. V. A. Strolitskiy, G. P. Popenko. Mekh. i avtom. proizv. 22 no. 6:7-9 '68.  
 Preparation of electrical equipment of passenger cars for deenergization. A. A. Sheverdukov, I. A. Kh. Dumesh. Zhe. dor. transp. 50 no. 7:52-57 JI '68.  
 Resistance to corrosion of welded joints of aluminum alloys under stress. A. P. Lavrov. Vest. TSNI MPS 27 no. 1:34-38 '68.  
 Selection of a structural design for an electric locomotive body. G. I. Kaovtsov, G. G. Ruprashvili, I. R. Metparanov. Vest. TSNI MPS 27 no. 1:18-22 '68.  
 Stabilization of mechanical properties of rubber shock absorbers in locomotives. L. E. Vinitskiy, L. G. Evaceva. Vest. TSNI MPS 27 no. 1:32-31 '68.  
 Strength of the oil film between the piston ring and the cylinder sleeve of a 2D100 diesel. G. A. Pofanov. Vest. TSNI MPS 27 no. 1:28-31 '68.  
 Structural analysis of the sidewall of a four-axle gondola car. M. I. U. Pashkovich. Vest. TSNI MPS 27 no. 1: 12-14 '68.

Study of transient processes of a four-cycle diesel engine. V. V. Vodorubchenko and others. Vest. TSNI MPS 27 no. 1:28-28 '68.  
 Theoretical, experimental, and design work of the Novocheboksak Electric Locomotive Plant on the mechanical portion of main line electric locomotives. A. I. Kravchenko, Spos. nauch. i. trud. LIIII 9:389-398 '67.  
 Use of thyristors in rolling stock. V. I. Sergeev. Zhe. dor. transp. no. 12:70-80 49 D '67.  
 Work of locomotive gangs according to name schedules. D. I. Shorobogalov. Zhe. dor. transp. 50 no. 7:69-60 II '68.

625.2 (477)—Ukrainian S. S. R.  
 Continuation of great achievements. V. Rodenko. Komm. Ukr. 43 no. 7:49-51 JI '68.  
 The high calling of a Communist. A. Usatenko. Komm. Ukr. 43 no. 7:48-49 JI '68.  
 The leading force. V. Kudrakov. Komm. Ukr. 43 no. 7: 41-43 JI '68.

625.2 (575.1)—Uzbek S. S. R.  
 Anniversary of a party organization. R. Plungian. Part. zhizn' (Uzb.) II no. 8:49-50 Az '68.

625.2 (73)—United States of America  
 New types of freight cars on the railroads of the United States. G. E. Sorokin. Zhe. dor. transp. 50 no. 7: 88-94 JI '68.

## 625.4 Elevated and underground railways

New layout principles for subway stations. I. M. Iakushkin, N. S. Timashev. Gor. khoz. Mosk. 43 no. 10 26-28 O '68.

625.4 (471.310)—Moscow City

Scientific organization of labor at the Severovsk terminal. V. I. Tsaritsyn. Gor. khoz. Mosk. 42 no. 10 28-31 O '68.

Scientific organization of labor in the State Administration of Construction of the Moscow Subway. I. M. Iakobson. Transp. stroi. no. 3 18-20 Mr '68.

625.4 (478.24)—Azerbaijan S. S. R.

Baku subway has been put into operation. A. I. Abdulagimov, S. N. Vlasov. Transp. stroi. no. 3 15-18 Mi '68.

## 625.7 Highway, road engineering

Additional resources of mineral powder. Avi. dor. 31 no. 7-11-13 JI '68.  
 Basic trends in the production and use of bituminous emulsions. V. V. Mikhailov. Avi. dor. 31 no. 8:2-4 Ag '68.  
 Building foundations from screened-out rock waste. N. G. Grigorovich. Avi. dor. 31 no. 8:11 Ag '68.  
 Building subgrades on moist Sotonechak soils. E. V. Kaganovich. Avi. dor. 31 no. 1:21-22 Ja '68.  
 Cable crane for conveying concrete mix during the erection of bridge piers. I. M. Tkachenko. Avi. dor. 31 no. 7 30 11 '68.  
 Considering the shear resistance of peat when building roads on bogs. N. M. Golakov, G. G. Trishin. Avi. dor. 31 no. 1:19-21 Ja '68.  
 Cross profile of a road and traffic pattern. A. Shovlakov, O. Divochkin. Avi. dor. 31 no. 7:23-24 JI '68.  
 D-708 quarry assembly for soil mix processing. B. S. Maryshev and others. Avi. dor. 31 no. 8:17 Ag '68.  
 Depth distribution of bitumen in a ground layer being strengthened. V. S. Bocharov. Avi. dor. 31 no. 8: 23 Ag '68.  
 Determining the density of a highway system. A. P. Sidorov, A. A. Vorob'ev. Avi. dor. 31 no. 7:6 JI '68.  
 Economic effectiveness of building rural roads. A. I. Aroskiy, A. Bolonko. Avi. dor. 31 no. 7 5 JI '68.  
 Effect of the macrogeometry of slide valve distributor on the force required to move the plunger. A. K. Galkin. Stroi. i dor. mash. 13 no. 9:44-15 5 '68.  
 Effect of viscosity in emulsion preparation. V. I. Kuz'michev. Avi. dor. 31 no. 7:16-17 JI '68.  
 Effective technology for breaking up clayey soils during their consolidation. L. N. Iashchova, E. I. Putilin. Avi. dor. 31 no. 1:11-13 Ja '68.

Erection of highway bridge spans by means of truss hoisters. I. N. Bubenshchikov, I. G. Vypov. Transp. stroi. no. 3 11-12 Mr '68.  
 Highly productive work based on modern technology. Avi. dor. 31 no. 8:1 Ag '68.  
 An improved road network for each region. Avi. dor. 31 no. 1:2-3 Ja '68.  
 Improving the quality of bituminous emulsions during emulsification. I. M. Evonov. Avi. dor. 31 no. 1:14-15 Ja '68.  
 Increasing the capacity of D-325 and D-567 mixers. A. U. Gol'dshteyn, I. U. Plotitskiy. Avi. dor. 31 no. 1:10-11 Ja '68.  
 Increasing the driving efficiency of vibration hammers. I. I. Bykhovskiy, V. V. Villumson. Stroi. i dor. mash. 13 no. 8 9-10 5 '68.  
 Kilometers of new roads. Avi. dor. 31 no. 1:2 Ja '68.  
 Make wider use of reserves for building rural roads. Avi. dor. 31 no. 7:1-2 JI '68.  
 Manufacturing activated powder by a continuous cycle. S. Lepp, A. Moshin. Avi. dor. 31 no. 1:13-14 Ja '68.  
 Measuring large-scale linear shifts. A. I. Panukhin. Stroi. i dor. mash. 13 no. 8:37-38 5 '68.  
 New stage in bridge construction in our country. I. A. Khasan and others. Avi. dor. 31 no. 1:24-26 Ja '68.  
 New standard for road making. A. Shumov. Avi. dor. 31 no. 7:22-23 JI '68.  
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 Protecting mountain roads against snow avalanches. E. Dzhumalov, I. Nizarekova, A. I. Ablov. Avi. dor. 31 no. 7:24-25 JI '68.  
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 So they started. L. Vaulin, I. Naumenko, I. Gavrilov. Avi. dor. 31 no. 8:15-16 Ag '68.  
 Soil compactors with vibroprecussive action. B. A. Bolotskiy, B. I. Filippov, E. F. Falinskiy. Avi. dor. 31 no. 7:21-22 JI '68.  
 A stand for determining the packing efficiency of machines. L. M. Bobylev, N. P. Voshchinnik. Stroi. i dor. mash. 13 no. 9:10-11 5 '68.  
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 Thermoplastic waterproofing of a bridge deck. I. A. N. Novikov and others. Transp. stroi. no. 3 13-14 Mr '68.  
 Use of emulsions is economical. A. A. Avenko, N. V. Travin. Avi. dor. 31 no. 8:4-5 Ag '68.  
 Working overwet clays. A. A. Malyshev, A. S. Plotitskiy. Avi. dor. 31 no. 7:8-9 JI '68.

## 625.7 (431)—German Democratic Republic

Road building equipment of the German Democratic Republic. E. I. Zavadskiy. Avi. dor. 31 no. 8:27-28 Ag '68.

## 625.7 (471.12)—Vologda Province

Potentials of economic efficiency. I. Gavrilov. Avi. dor. 31 no. 1:7-9 Ja '68.

625. 7(471. 312)—Tula Province  
Roads for all collective and state farms. V. Guitling, B. Dagac'. Avt.dor. 31 no. 7-4 JI '68.

625. 7(471. 56)—Orenburg Province  
Building rural roads in Orenburg Province. M. M. Aksenov. Avt.dor. 31 no. 7-3-4 JI '68.

625. 7(474. 2)—Estonian S.S.R.  
Use of emulsions in road building in Estonia. A. M. Meshin, M. V. Tammemägi. Avt.dor. 31 no. 8-5-6 JI '68.

625. 7(477)—Ukrainian S.S.R.  
In the interest of developing the economy of a region. V. A. Shifrin. Avt.dor. 31 no. 1-3-5 Ja '68.

625. 7(48)—Scandinavia  
Caustic soda in place of sand drains. M. D. Morzon. Avt.dor. 31 no. 7-28-29 JI '68.

625. 7(52)—Japan  
Expressways in Japanese cities. V. G. Sokolov. Gor.khoz. Mash. 13 no. 10-40-43 O '68.

Tokio - Nagoya - Kobe through-way. V. F. Babkov, V. V. Mikhailov. Avt.dor. 31 no. 7-25-26 JI '68.

625. 7(571. 12)—Tyumen' Province  
Combined soil strengthening in road building in Tyumen' Province. O. V. Tumentseva, V. I. Mokina. Avt.dor. 31 no. 7-7 JI '68.

Oilfield roads in the Tyumen' Province. A. V. Lutsier, V. M. Kostikov. Avt.dor. 31 no. 1-18-19 Ja '68.

625. 7(575. 4)—Turkmen S.S.R.  
Kum-Dag - Oljarm. P. Sobolev, M. Shvarev. Avt.dor. 31 no. 7-2-11 JI '68.

625.8 Paving of roads. Wearing surfaces  
Additional resources of mineral powder. Avt.dor. 31 no. 7-11-13 JI '68.

Asphalt concrete from gravel materials. L. B. Gezeniseli, T. K. Ushabunova. Avt.dor. 31 no. 8-10-21 Ag '68.

Bitumen proportioning device. A. Shneider. Avt.dor. 31 no. 7-31-32 JI '68.

Compacting the asphalt-concrete mix with a high crushed stone content. V. I. Zolotarev. Avt.dor. 31 no. 7-13-14 JI '68.

Effect of the macrogeometry of slide valve distributor on the force required to move the plunger. A. K. Galkin. Stro.i dor. mash. 13 no. 9-14-15 S '68.

Foundations and pavements made from cement-sand concrete. E. R. Pirus, A. M. Sheinin. Avt.dor. 31 no. 8-8-10 JI '68.

Frost resistance of hot bitumen granulated slag mixes. A. N. Dolgov, S. I. Samodurov, G. A. Rasstegayeva. Avt.dor. 31 no. 7-17 JI '68.

Increasing the driving efficiency of vibration hammer. I. I. Bykhovskii, V. V. Villumson. Stro.i dor. mash. 13 no. 9-9-10 S '68.

Lightweight pavements on steel plates of automobile bridges. R. S. Azolan. Avt.dor. 31 no. 8-24-25 Ag '68.

Lime concretes for road building. N. I. Slesareva, V. G. Sokolov, G. K. Stun'. Avt.dor. 31 no. 8-21 JI '68.

Measuring large-scale linear shifts. A. I. Panikhin. Stro.i dor. mash. 13 no. 9-37-38 S '68.

Mineral powder from water softening sludge. R. A. Nemirovskii, N. F. Pochapskii. Avt.dor. 31 no. 8-22 Ag '68.

Planting automated plants of asphaltic cement. V. Tarasov, N. Tarasova. Zhil.kom.khoz. 18 no. 7-16 JI '68.

Properties of pavement concrete hardening in a dry and hot climate. V. S. Shestoporov, A. S. Popov, S. Khalmukhamedov. Avt.dor. 31 no. 7-18-19 JI '68.

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Running repair of asphaltic-cement pavements. I. Shelkhet, V. Viktorova. Zhil.kom.khoz. 18 no. 8-9 Ag '68.

S-739 concrete mixer. I. K. Sharapov, B. I. Ushakov. Stro.i dor. mash. 13 no. 9-5-6 S '68.

Selecting proper parameters of a tank for the transportation of dust-like materials. D. A. Vishnevskii, A. I. Indenbaum. Stro.i dor. mash. 13 no. 9-17-20 S '68.

A stand for determining the packing efficiency of machines. L. M. Bobylev, M. P. Voshchinin. Stro.i dor. mash. 13 no. 9-10-11 S '68.

625. 8(438)—Poland  
Bitumen powder from acid asphalt. W. Skalmowski, M. Kalabinska. Avt.dor. 31 no. 8-26 Ag '68.

625. 8(571. 56)—Yakut A.S.S.R.  
Pavement from hot asphalt-concrete mixes as used in Yakutia. N. V. Matlakov, I. U. E. Nikol'skii. Avt.dor. 31 no. 8-12 Ag '68.

626 Hydraulic engineering and construction work  
Burning-out of additives and accumulation of mechanical impurities in a motor. K. S. Ramala, I. A. Trakovenko, Khim.i tekhn.topl.i masel 13 no. 8-41-45 '68.

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626. 8(574)—Kazakh S.S.R.  
Change in the water-salt content in Steppe Solonchaks of Aktubinsk Province as a result of meliorative reclamation. K. A. Baitkanov, A. Mukashova. Vest. sel'khoz.nauki [Kazakh] 11 no. 7-14-23 JI '68.

626. 4 Locks, Sluices, Gates  
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626. 8(45)—Italy  
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627 Natural waters and channels. River, port, harbor, and coast works, dams, etc.

627(471. 310)—Moscow City  
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627.1 Natural inland waters  
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627.2 Ports, harbors and roadsteads. Coast and marine works  
627. 2(477)—Ukrainian S.S.R.  
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627.3 Port installations, equipment. Dockyards, quays, etc.  
627. 3(438)—Poland  
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627. 3(571. 63)—Maritime Territory  
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627.5 Flood and coast protection works. Dikes, draining and reclamation  
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627. 5(478)—Caucasus and Transcaucasia  
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627.6 Dams. Large reservoirs and barrage dams. Hydraulic power plant works  
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627. 8(471. 51)—Udmurt A.S.S.R.  
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627. 8(575. 3)—Tajik S.S.R.  
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628 Public health engineering  
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## 623.3 Sewage Purification, etc

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Our experience in mechanized cleaning of sidewalks. A. Kuzhishkova. Zhil. i kom. khoz. 16 no. 7:15-18 Ji '68

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## 629.113(45)—Italy

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## 629.12(471.23)—Leningrad Province

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629.12(471.341)—Gorkiy Province  
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629.123 Sea or ocean going vessels and ships  
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631.6(471.232)—Leningrad City

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631.6(471.61)—Rostov Province

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631.6(474.2)—Estonian S. S. R.

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631.6(474.5)—Lithuanian S. S. R.

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631.6(571.12)—Tyumen' Province

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631.6(64)—Australia (Commonwealth)

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631.6(471.31)—Moscow Province

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631.6(471.328)—Mordvin A. S. S. R.

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Effect of the local method of applying mineral fertilizers on potato crops. N. A. Bashimov. Uch. zap. Mord. gos. un. no. 63 200-211 '68.

Effect of the wastes of a dug plant on cabbage crops. N. S. Dudkina. Uch. zap. Mord. gos. un. no. 63 227-228 '68.

Fertilization of green fallow (potato) crops and of winter rye. O. P. Kovalshina. Uch. zap. Mord. gos. un. no. 63 194-199 '68.

Fertilization of monoclonous hemp river floodlands. V. I. Lipyatov. Uch. zap. Mord. gos. un. no. 63 223-224 '68.

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Microfertilizers and crops of forage beans. N. K. Korobitskiy, K. A. Kharlamova. Uch. zap. Mord. gos. un. no. 63 207-208 '68.

Treatment of seeds with trace elements before sowing and the yield of corn. G. P. Artamonova. Uch. zap. Mord. gos. un. no. 63 212-216 '68.

631.6(470)—White Russian S. S. R.

Interrelationship between nitrogen, phosphorus and potassium in crops of winter rye on turf-medium-Podzolic sandy-loam soils of Central White Russia. A. A. Frolov, A. M. Zharikova. Agrokhlmita no. 8 19-24 Ag '68.

631.6(477)—Ukrainian S. S. R.

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631.6(479.22)—Georgian S. S. R.

Demands by the subtropical agriculture of the Georgian S. S. R. for organic fertilizers and ways of their satisfaction. T. A. Turkina. Subtrop. kul't. no. 4 147-150 '68.

631.6(571.51)—Krasnoyarsk Territory

Effective use of humus on sandy loam soils of Northern Khakassia. V. K. Savost'yanov, Z. A. Savost'yanova. Agrokhlmita no. 8 124-133 Ag '68.

631.6(574)—Kazakh S. S. R.

Improve material incentives. T. Shtapov. Nar. khoz. Kazakh. no. 6 26-27 Ag '68.

631.6(575.1)—Uzbek S. S. R.

Study of the filtration process of nitric acid solution of Kurain phosphates on the cartridge-type filter. V. V. Beglov, M. N. Nalibayev, M. I. Sanzharov. Uzb. khim. zhur. 10 no 6 55-62 '68.

Some characteristics of the connection of vegetation with the zonalization of soil-forming rocks in Ustyurt. L. D. Polkarpova. Uch. zap. MGPI no. 257:213-220 '67.

## 632 Crop damage and protection

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Effect of Plasmodiophora brassicae Wor. infection on the content and nature of indole derivatives in cabbage roots. L. V. Tunkova, V. V. Masin. Fiz. rast. 16 no. 5:778-784 S-O '68.

Mechanism for chemical protection of plants. V. Petrov. Tekh. v sol'khoz. 28 no. 8:40-51 '68.

Phytophthora and cotton wilt caused by Verticillium dahliae. I. M. Sudakova, R. V. Mikulina. Zool. zhur. 47 no. 9:1310-1313 S '68.

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Virus disease of Hydrangea macrophylla (Thunb.) D. C. V. G. Sergeeva. Nauch. dokl. vyzh. shkoly; biol. nauki 11 no. 10:92-95 '68.

## 632.9 Crop protection. Pest control

Disinfection of grain by ion radiation. G. Zakladnoi. Muk. elev. prom. 31 no. 9:24-25 S '68.

Herbicidal activity and selectivity of optam and illam in sugar beet crops. L. I. Korolov, A. M. Gulidov. Agrokhimia no. 8:140-147 Ag '68.

Preparation of a new heximide fungicide. S. D. Volodkovich, N. N. Mel'nikov, T. K. Iudovskaya. Zhur. prikl. khim. 41 no. 6:1387-1388 Ju '68.

Progressive methods of protecting stored grain should be widely adopted. Muk. elev. prom. 31 no. 9:23-24 S '68.

Wet disinfection of warehouses with lower-concentration pesticide solutions. I. U. Vikhunskii, I. Kurepko, L. Sturma. Muk. elev. prom. 31 no. 9:24-25 Je '68.

## 632.9(471.328)—Mordvin A. S. S. R.

Effectiveness of herbicides on millet sowings. G. A. Solov'ev. Uch. zap. Mord. gos. un. no. 63:225-226 '68.

## 632.9(479.22)—Georgian S. S. R.

Study of citrus whitefly biology in Georgia. N. Sh. Avtizba. Subtrop. kul't. no. 4:41-49 '68.

## 632.9(674)—Kazakh S. S. R.

Onion stem nematode Ditylenchus allii (Bollerneck, 1883), as garlic pest in southern Kazakhstan. N. S. Isakov, K. Nagmanova. Vest. sol'khoz. nauki [Kazakh.] 11 no. 7:101-103 Ji '68.

Prospective herbicides in soybean plantings in irrigated soils in southeast Kazakhstan. A. I. Shkola. Vest. sol'khoz. nauki [Kazakh.] 11 no. 7:105-107 Ji '68.

## 632.95 Pesticides and control chemicals

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Determination of residual quantities of phosphamide in milk. L. G. Saikina, A. I. Solov'eva. Lab. delo no. 10:526-527 '68.

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## 632.95(479.22)—Georgian S. S. R.

Results of the use of herbicides in the Kolkhida Lowland. A. S. Trepaidze, M. L. Tsubungu. Subtrop. kul't. no. 4:151-158 '68.

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## 633 Field crops. Industrial crops

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Composition and biochemical properties of pericarps of oil-rich sunflower varieties. N. F. Dublinskaya. Dokl. Akad. sol'khoz. nauk no. 5:5-8 My '67.

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Development of early-ripening No. 3 tetraploid corn. A. P. Shulyudin, L. I. Surkova. Dokl. Akad. sol'khoz. nauk no. 5:11-14 My '67.

Development of leaf surface, stem growth, and buckwheat yield as affected by different water supply. E. A. Kobzeva. Uch. zap. BGU(Ufa). no. 19:95-92 '64.

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KV-3, a stump grubber and sweeper. P. Saburenkov, F. Grigor'ev. Tekh. v sol'khoz. 28 no. 8:51 '68.

Machine for harvesting oilseed popples. B. Iura. V. Sabai. Tekh. v sol'khoz. 28 no. 8:19-21 '68.

Machine for processing the flax pile. P. Zubkova, A. Egorova. Tekh. v sol'khoz. 28 no. 9:51-53 '68.

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New type of coverings for prolonged storage clamps. I. A. Siobodanik and others. Sakh. prom. 42 no. 10:50-53 O '68.

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Practice in harvesting maternal sugar beets at the Nakhmacheky beet state farm. M. A. Samoilov and others. Sakh. prom. 42 no. 10:45-50 O '68.

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Effectiveness of herbicides on millet sowings. G. A. Solov'ev. Uch. zap. Mord. gos. un. no. 63:225-226 '68.

Fertilization of green fallow (potato) crops and of winter rye. O. P. Kuvshinov. Uch. zap. Mord. gos. un. no. 63:194-196 '68.

Treatment of seeds with trace elements before sowing and the yield of corn. G. P. Artyamonova. Uch. zap. Mord. gos. un. no. 63:212-216 '68.

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- 633.2(479.24)—Azerbaijan S. S. R.  
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two *Pennisetum villosum* and *P. orientale* species on  
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- 633.2(574)—Kazakh S. S. R.  
Economic evaluation of different methods for pasture  
watering in Kazakhstan. L. G. Olova. Vest. sel'khoz.  
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- 633.3 Leguminous and other green fodders  
Forage beans. N. K. Korabitskii. Uch. zap. Mord. gos.  
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- 633.3(471.328)—Mordvin A. S. S. R.  
Effect of nitrogen on the development and yield of beans  
and peas. N. K. Korabitskii, I. A. Tsarikovskaya, R. V.  
Kachayev. Uch. zap. Mord. gos. un. no. 63-190-193 '68.  
Microfertilizers and crops of forage beans. N. K.  
Korabitskii, K. A. Kharitonova. Uch. zap. Mord. gos.  
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N. K. Korabitskii, A. F. Panova. Uch. zap. Mord. gos. un.  
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- 633.4(471.328)—Mordvin A. S. S. R.  
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A. S. S. R. Z. A. Lapshina. Uch. zap. Mord. gos. un.  
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rye. O. P. Kuvshnova. Uch. zap. Mord. gos. un.  
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Losses of cotton crops caused by the unevenness of the  
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- 633.71 Tobacco plants and crops  
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A. Kh. Daniellian. Uch. zap. Erev. un. 97-25-30 '65.
- 633.5(471.328)—Mordvin A. S. S. R.  
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- 633.5(479.25)—Armenian S. S. R.  
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- 633.6 Sugar and starch yielding crops
- 633.6(477)—Ukrainian S. S. R.  
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- 633.71 Tobacco plants and crops
- 633.71(479.25)—Armenian S. S. R.  
Composition of amino acids and sugars in some  
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662 Explosives Fuels

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662.2 High explosives

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662.3 Propellant (ballistic) powders. Gunpowders

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662.6 Fuels. Combustion. Heat economy

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662, 6(571, 61)—Krasnoyarsk Territory

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662.7 Thermally or chemically produced fuels

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662, 7(571)—Asiatic R. S. F. S. R.

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662, 7(571, 14)—Novosibirsk Province

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662, 7(571, 51)—Krasnoyarsk Territory

Manufacture of metallurgical coke from coals of Krasnoyarsk Territory. I. S. Levin, L. I. A. Kiseleva, M. V. Gofman. Podg. i koks, ugl. no. 6:250-261 '65.

662, 7(571, 53)—Irkutsk Province

Metallurgical coke from coals of the Irkutsk Basin. L. G. Ol'shanetskiy. Podg. i koks, ugl. no. 6:34-42 '65.

662, 7(574)—Kazakh S. S. R.

Certain characteristics of charges from Karaganda coals in the presence of Kuznetsk gas coals. I. M. Glushchenko and others. Koks i khim. no. 8:14-19 '68.

662.8 Mechanically produced (artificial) fuels

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662.9 Furnace and combustion engineering

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663 Beverages Stimulants. Water

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663(477)—Ukrainian S. S. R.  
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664 FOOD INDUSTRIES PRESERVATION  
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664(471, 45)—Volgograd Province  
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664(478)—Moldavian S. S. R.  
Interbranch machine accounting. I. Oshchenko. Bukh. uch. 27 no. 7 34-38 Ji '68.

664(479, 22)—Georgian S. S. R.  
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664(479, 25)—Armenian S. S. R.  
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664(574)—Kazakh S. S. R.  
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664.1 Sugar industry  
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Calculation of the sugar output depending on the good quality of syrup and molasses. T. P. Khvalkovskii. Sakh. prom. 42 no. 10 32-33 O '68.  
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Ways to improve the quality of sugar. L. D. Taranova. Sakh. prom. 42 no. 10 10 O '68.

664.1(471, 324)—Voronezh Province  
Cooking of masseculite III product using masseculite II product as a base. A. V. Lushchak, V. V. Revenko. Sakh. prom. 42 no. 10 21-22 O '68.

664.1(471, 62)—Krasnodar Territory  
Practice in the work-out and adoption of plans for scientific organization of labor in auxiliary sections of the Gul'tek-vich Sugar Factory. N. Pisarenko. Sakh. prom. 42 no. 10 41-47 O '68.

Economic effectiveness of the organization of fruit-paste candy production at the Labinak Canning Factory. T. D. Tuleneva. Kons. i ov. prom. 23 no. 10 33-34 O '68.

664.1(477)—Ukrainian S. S. R.  
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More on the problem of planning in the sugar industry. V. Sopin. Ekon. Rad. Ukr. 10 no. 7 24-26 Ji '68.  
Practice in defectless repair of equipment. V. R. Maevskii. Sakh. prom. 42 no. 10 5-10 O '68.  
Use of disk filters at the Zaplyat plant. P. I. Ischenko. Sakh. prom. 42 no. 10 19-21 O '68.

664.1(478)—Moldavian S. S. R.  
Practice in boiling out vacuum apparatus. A. P. Sofonuk. Sakh. prom. 42 no. 10 37 O '68.

664.2 Starches. Other polysaccharides  
Adoption of the refractometric method for the determination of oil percentage in corn oil cakes. T. I. Baglai, I. E. Vlasenko, L. S. Bondarenko. Sakh. prom. 42 no. 10 66-68 O '68.  
Automation of the process of finishing of grains in the production of starch from corn. I. I. Kleiman, G. N. Samoilov. Sakh. prom. 42 no. 10 61-65 O '68.  
Effect of the intensity of mechanical action on the process of mechanical-chemical destruction of polysaccharides. N. V. Chalov, I. V. Shastlivtseva, A. S. Shabalina. Gidroliz i lesokhlim. prom. 21 no. 6 5-7 '68.  
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664.2(477)—Ukrainian S. S. R.  
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664.3 Edible and cooking fats and oils  
Unit for fish fat and meat on the RTM "Atlantik." A. Volkov, Ryb. khoz. 44 no. 9 52-55 S '68.

664.4 Mineral foodstuffs  
Hydrocarbon composition of lubricants. I. A. Mikhailov and others. Khim. i tekhn. topl. i masel. 13 no. 10 3-10 '68.

664.6 Baking, bread and flour confectionery  
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664.6(477)—Ukrainian S. S. R.  
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664.7 Flour and corn milling. Grain processing  
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664.7(41)—United Kingdom and Northern Ireland  
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664.7(471)—Russian Soviet Federated Socialist Republic (R. S. F. S. S. R.)  
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664.7(471, 313)—Ryazan Province  
Old workers of the Ryazan Grain Elevator. N. Stepanov. Muk. -elev. prom. 34 no. 7 6 Ji '68.

664.7(471, 324)—Voronezh Province  
All-Union Scientific Research Institute of the Mixed-Feed Industry. V. Nikulin. Muk. -elev. prom. 34 no. 9 11 S '68.

664.7(471, 66)—Orenburg Province  
Youth of the Orenburg area in the fight for grain and knowledge. Muk. -elev. prom. 34 no. 7 3 Ji '68.

664.7(471, 63)—Stavropol Territory  
Experience based on operations of the Georgievskaya Flour Mill milling a 72% single grade of wheat with a yield of high-quality flour. L. Letchikovskii, A. Semorenko, M. Tkachenko. Muk. -elev. prom. 34 no. 9 8-10 S '68.  
Initial stages of economic reform at the Stavropol' Flour Mill No. 6. P. Shashurin. Muk. -elev. prom. 34 no. 9 5 Je '68.

664.7(470)—White Russian S. S. R.  
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664.7(472)—Ukrainian S. S. R.  
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The Kiev Province Administration introduces an economic experiment. D. Gorozhin, B. Tarasenko. Muk. -elev. prom. 34 no. 7 6-7 Ji '68.

664.7(497, 1)—Yugoslavia  
Mixed feed industry of Yugoslavia. A. Baum, S. Fedakovic. Muk. -elev. prom. 34 no. 7 12-14 Ji '68.



664, 7(52)—Japan  
Japanese experiments to determine the pressure of grain on silo walls. A. Kurochkin, L. Semiatnik. Muk - elev. prom. 34 no. 7 30-31. 11 '68

664, 7(571, 11)—Kurgan Province  
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664, 7(571, 13)—Omsk Province  
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664, 7(574)—Kavkaz S. S. R.  
At the Pavlodar transshipment grain elevator. A. Zhuravlev. Muk - elev. prom. 34 no. 7 3-5. 11 '68  
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664, 7(575, 1)—Uzbek S. S. R.  
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664, 8 Preservation of organic products. Fruit and vegetable produce  
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Effect of the method for cooling of corn sticks. E. T. Dmitriyeva, N. F. Aristova, G. V. Bolventsova. Koms. i ov. prom. 23 no. 10 16. 0 '68  
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Practical method of sterilizing tomato juice in a flow. E. T. Kochetova. Koms. i ov. prom. 23 no. 9 16-17. 5 '68

Standardization of the sizes of glass containers for canning by the modulo system. E. I. Variazarova, E. I. Buluzova, S. I. Kozonko. Koms. i ov. prom. 23 no. 10 17-21. 0 '68  
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Technological line for the production of juices. E. D. Chernina. Koms. i ov. prom. 23 no. 9 10-10. 5 '68

664, 8(471, 324)—Voronezh Province  
Practice in adjusting and operating canning equipment. A. I. Savelyev. Koms. i ov. prom. 23 no. 9 10-21. 5 '68

664, 8(471, 40)—Astrakhan Province  
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664, 8(471, 62)—Krasnodar Territory  
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Efficiency of the production of apple juice after the introduction of modernized technology. I. A. Kacharova, R. V. Samoilov. Koms. i ov. prom. 23 no. 10 30-32. 0 '68

664, 8(474, 2)—Estonian S. S. R.  
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664, 8(476)—White Russian S. S. R.  
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Canning combine and its raw material zone. A. S. Lipovetskii, P. I. Kulshun. Koms. i ov. prom. 23 no. 9 23-27. 5 '68

664, 8(477)—Ukrainian S. S. R.  
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664, 8(478)—Moldavian S. S. R.  
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664, 8(479, 22)—Georgian S. S. R.  
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664, 8(479, 24)—Azerbaijan S. S. R.  
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664, 8(479, 25)—Armenian S. S. R.  
At the testing and selecting station of the Armenian SSR. M. V. Karapetian. Koms. i ov. prom. 23 no. 9 30-31. 5 '68

664, 8(497, 2)—Bulgaria  
Production-line machinery from the "Tito Manefin" firm for manufacturing of tomato juice. A. Mihov, P. Kohen. Koms. i ov. prom. 23 no. 10 10-12. 0 '68

664, 9 Preservation of animal products  
Biochemical composition of muscles in some Black Sea fish. V. I. Lisovskaya, A. A. Potavich. Ryb. khoz. 44 no. 9 55-66. 5 '68  
Canned blanched herring in new sauces. Ryb. khoz. 44 no. 10 66-68. 0 '68  
Changes in soybean oil and its mixture with hydrogenated fat during fish frying. M. I. Komarnitskii. Ryb. khoz. 44 no. 10 71-72. 0 '68  
Changes in soybean oil and its mixture with hydrogenated fat in frying fish. M. I. Komarnitskii. Ryb. khoz. 44 no. 9 63-64. 5 '68  
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Classification of fishes by their fat and protein content. I. P. Levandov. Ryb. khoz. 44 no. 10 64-66. 0 '68  
Colorimetric method for determining the quality of natural bryne. P. M. Itzhapishvili. Ryb. khoz. 44 no. 10 70-71. 0 '68  
Economic method of packaging dry roach. I. A. Shishkayeva, G. N. Atkseeva. Ryb. khoz. 44 no. 10 57-59. 0 '68  
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Machine for loosening eaked salt. G. Potanov, V. Rabinov. Ryb. khoz. 44 no. 10 55-56. 0 '68  
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664, 9(470, 24)—Azerbaijan S. S. R.  
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665 Oils. Fats. Waxes  
Cation-active bituminous emulsions. O. Dobozil, Zhur. prikl. khim. 41 no. 6 1268-1274. 10 '68  
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665 4 Mineral oils, waxes  
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665.5(471.43)—Khybyshyev Province

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665.5(471.45)—Volgograd Province

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665.5(471.6)—Northern Caucasus

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665.5(479.24)—Azerbaijan S. S. R.

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666 Glass, ceramic, clay, etc. industries

Calculation of the average driving force and the number of plates in mass-exchange apparatus. G. D. Kavetski, D. V. Ivanukov, A. N. Pionovskii. Khim. i tekhn. topl. i masel 13 no. 9:32-33 '68.

High-density quartz ceramics. I. U. E. Plivenski, F. T. Gorobets. Ogneupory 33 no. 8:45-51 '68.

666.1 Glass industry and technology

Absorption spectra of bivalent iron in silicate and phosphate glasses. T. I. Veinberg. Zhur. fiz. khim. 36 no. 2:342-352 F '68.

Adequate dimension of tank glass furnaces and conditions of their operation. L. G. Gerasimova. Stek. i ker. 25 no. 4:2-6 Ap '68.

Coloration of phosphate glasses by molybdenum ions

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Slag pyroceramic, a new building material. K. Bondarev. Bud. mat. i konstr. 9 no. 4:4-5 Ji-Ag '67.

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Thermographic investigation of structural changes in glass after  $\gamma$ -irradiation. S. I. Sit'vatovich, T. A. Plisko. Stek. i ker. 25 no. 4:15-17 Ap '68.

Use of laboratory gasoline lamps for glassblowing. A. P. Solov'ev. Uch. zap. Mord. gos. un. no. 16:88-90 '62.

666.2 Enamels and glazes

Electrochemical grinding of hard-alloy cutters. V. G. Vasil'ev, I. U. L. Kanevskii. Mashinostroitel' no. 8:26 Ag '68.

Production of smalti for mosaic work. N. P. Danilova, K. A. Brilukhova. Stek. i ker. 25 no. 4:20-22 Ap '68.

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666.2(477)—Ukrainian S. S. R.

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666.3 Clay and ceramic ware

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Conveyor line for the manufacture of ceramic articles. P. F. Khatutseva, P. A. Mel'nik. Stek. i ker. 25 no. 4:43-14 Ap '68.

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666.5 Porcelain and china

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Development of the technique of firing porcelain and faience products. G. A. Kovel'man. Stek. i ker. 25 no. 4:22-26 Ap '68.

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666.6 Pottery

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666.7 Heavy clayware and refractories

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All-Union competition for the reduction of the specific consumption of ladle brick. I. A. Savkevich. Ogneupory 33 no. 6:58-59 '68.

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675(571 15)—Altai Territory

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676(471, 232)—Leningrad City

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676(571 51)—Krasnoyarsk Territory

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677(471, 232)—Leningrad City

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684(574)—Kazakh S. S. R.  
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685(477.8)—Western Ukraine  
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685.3 Footwear. Aids to movement

685.3(478)—Moldavian S. S. R.  
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Designs of wall cabinets and closets Zhil.stroi II no 7-15-16 '68  
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## 7. THE ARTS. RECREATION. ENTERTAINMENT. SPORT, ETC.

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7.05 Applications of art in industry, the home, etc. Industrial, commercial design

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#### 711.4(471.41)—Tatar A. S. S. R.

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#### 711.4(471.45)—Volgograd Province

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#### 711.4(471.52)—Bashkir A. S. S. R.

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#### 711.6 Site planning. Grouping. Squares, etc.

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#### 711.7 Traffic routes: road, rail, water and air

Thoroughfares in the cities of the future. V. N. Gusev. Stroi i arkhitekt. 18 no. 8-20-24 Ag '68.

#### 712 Landscape, natural and designed parks. Gardens

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Practice in farmstead landscaping in Transcarpathia. Z. A. Peltova. Stroi i arkhitekt. 16 no 8-28-30 Ag '68.

#### 712.3 Landscape gardening generally: planning, layout, execution

Use of stimulants in plant growing. O. Pokalov. Zhil.i kom.khoz. 19 no. 8-7 Ag '68.

#### 712.4 Planting design. Vegetation, plant forms, arrangement

#### 712.4(57)—Asianic U. S. S. R.

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#### 72.01 General aesthetics. Design. Planning, etc.

On time set for the preparation of planning and estimates records. I. Kaban, L. Pashonyan. Izkon. Rad. Ukr. 10 no 6-53-54 Je '68

#### 721 Buildings generally. Programming. Design

How to establish norms for an apartment G. Lavrik. Zhil.stroi. II no 7-20-22 '68

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#### 725.1 Civic and public service buildings

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## 725.2 Commercial and office buildings

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## 725.4(177)—Undeveloped and under developed areas

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## 725.4(471.43)—Kuybyshev Province

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Erecting a ski jump. D. V. Pavlenkov, Mont. i spets. rab. v stroi. 29 no. 11-7-10 Ja '67.

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## 726 Sacred and funerary buildings. Ecclesiastical architecture

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## 726(471.24)—Novgorod Province

Building metrology and the architectural forms of churches in ancient Novgorod in the late 12th century. I. Sh. Sievelev, Sov. arkheol. no. 1:73-88 '68.

## 726(471.310)—Moscow City

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## 726(56)—Near East

Easter pilgrimage to the Holy Land. Zhur. Mosk. Patr. no. 6:9 '67.

## 726(569.4)—Israel

Under the shelter of the Russian Theological Mission in Jerusalem. V. G. Ishin, Zhur. Mosk. Patr. no. 4:10-14 '67.

## 726(569.5)—Jordan

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## 726(62)—Northeast Africa, Egypt and Sudan

The Abu Simbel temples. R. B. Nov. vrem. 26 no. 46-30 N '68.

## 728 Residential buildings. Housing. Domestic architecture

Build large-panel houses according to improved designs. Biul. stroi. tekhn. 30 no. 3-5-6 Mr '68.  
Development of housing construction during Soviet rule. I. U. M. Rodin, Biul. stroi. tekhn. 20 no. 11:12-16 N '67.  
Foundations for buildings having an average number of stories. I. U. Danilchenko, Zhil. stroi. 11 no. 7-23-24 '68.  
Nomenclature and models of rural houses. Zhil. stroi. 11 no. 4:15-18 '68.  
Stages in an experiment. A. Birger, A. Sergeev, Zhil. stroi. 11 no. 4:6-12 '68.  
Sun protection of residential buildings. B. Vasil'ev, K. Shidakov, Zhil. stroi. 11 no. 4-19-20 '68.

## 728(211)—Cold frigid regions

Designs of rural residential buildings for the Far North. A. Sakharov, Zhil. stroi. 11 no. 7:25-26 '68.

## 728(471.310)—Moscow City

Improve the design of large residential developments in Moscow. L. Dlubek, Zhil. stroi. 11 no. 4-1-5 '68.

## 728(477)—Ukrainian S. S. R.

New residential building blocks in Kharkov. V. Belogub, I. Lagutova, Zhil. stroi. 11 no. 7-2-5 '68.

## 728(477.38)—Transcarpathia

Rural houses in Transcarpathia. V. G. Zapol'skii, Izv. vys. ucheb. zav.; sb. o. i arkh. 10 no. 8-152-157 '67.

## 728(479.24)—Azerbaijan S. S. R.

Classification of dwellings of Shirvan in the 19th century. A. N. Mustafayev, Dokl. AN Azerb. SSR 24 no. 5:63-66 '68.

## Residential complex in the Nefteyanyye Kamni region

A. Kuznetsov, Zhil. stroi. 11 no. 7-31 '68.

## 729 Architectural details, decoration and fittings

Ornamental designs of the structural elements of precast shells. N. B. Gavrilova, Izv. vys. ucheb. zav.; stroi. i arkh. 10 no. 8-157-161 '67.  
Stained glass work made with bent steel sections. O. Dobroteliev, Bud. mat. i konstr. 9 no. 4-10-11 Ji-Ag '67.  
We would like the people to say "It is made beautifully". A. S. Antonova, Transp. stroi. no. 3-29 Mr '68.

## 73 SCULPTURE AND THE PLASTIC ARTS

The work of the young; from an exhibition of works entered in a competition. T. Kazhlov, Vest. vys. shkoly 26 no. 3:46 Mr '68.

## 73(571.15)—Altai Territory

Ancient stone statues in the southern Altai Mountain region. S. S. Sorokin, Sov. arkheol. no. 1:260-262 '68.

## 737 Numismatics

## 737(575)—Central Asia

One more mint of Muhammad, Shah of Khotezm, in Central Asia. E. A. Davidovich, Sov. arkheol. no. 1:277-284 '68.

## 738 Ceramic art, pottery, etc.

A conference on Greek vases in the German Democratic Republic. N. M. Loseva, N. A. Sidorova, Sov. arkheol. no. 1:314-316 '68.

## 739 Artistic metalwork

## 739(575.1)—Uzbek S. S. R.

A bronze statuette from Begovat. L. M. Rutkovskaya, Sov. arkheol. no. 1:255-259 '68.

## 74 DRAWING AND MINOR ARTS

## 741 Drawing and sketching

## 741(44)—France

The language of Eiffel. I. U. Ponomarev, Zhurnal'et no. 5-70-80 My '67.

## 744 Technical drawing, lettering

Symposium of teachers of the graphic arts. A. IA, Blaus, Vest. vys. shkoly 26 no. 3:35-38 Mr '68.

## 746 Art needlework, needlecrafts, handweaving, etc.

## 746(470)—European U. S. S. R.

Finger-shaped design used by the peoples of the European part of the U. S. S. R. G. L. Khiti, Sov. etn. no. 1:134-138 Ja-F '68.

## 748 Artistic glass and crystal

## 748(479.25)—Armenian S. S. R.

Cutglass vessels from Dvin. R. M. Dzhanyalov, Sov. arkheol. no. 1:268-274 '68.

## 75 PAINTING

A folding icon made in 1112 by the painter Iaklan. T. V. Nikolova, Sov. arkheol. no. 1:89-102 '68.  
The work of the young; from an exhibition of works entered in a competition. T. Kazhlov, Vest. vys. shkoly 26 no. 3:46 Mr '68.

## 75(430)—Germany

Fascism and German pictorial art. L. M. Krasnoglazova, V. IA, Shapiro, Nov. i noveish. ist. no. 5:109-119 O '68.

## 75(471.24)—Novgorod Province

Dating the ancient frescoes of the St. Sophia Cathedral in Novgorod, the 11th and early 12th centuries. V. I. Ikhlova, Sov. arkheol. no. 1:103-114 '68.

## 75(479.25)—Armenian S. S. R.

An ampulla with the image of St. Andrew from Dvin. A. A. Kalantarian, Sov. arkheol. no. 1:274-276 '68.

## 77 PHOTOGRAPHY AND CINEMATOGRAPHY

A master of pictorial journalism. I. Dolmatovskii, Zhurnal'et no. 10:28-29 O '67.  
Moving pictures in the service of industry: "Open-pit mining of ores of nonferrous metals." I. M. Zabelyushinskii, Gos. zhur. 143 no. 6:79-89 Ja '68.  
Phenidonehydroquinone developer for the treatment of black-and-white reversible films. T. A. Novatetskaya, G. G. Novikova, Tekh. kino i telev. 12 no. 8:29-31 Ag '68.

## 77(03) Photographic records and their interpretation

Use of photodocumentation in underground mining workings. K. L. Kokoreva, Trudy VSEGEI 121:213-212 '63.

## 771 Photographic equipment

Films printing apparatus. M. G. Shamshtoin, R. V. Vnitskii, Tekh. kino i telev. 12 no. 8:60-61 Ag '68.  
Low-frequency magnetic fields in television studios. N. B. Aizenberg and others, Tekh. kino i telev. 12 no. 8:62-65 Ag '68.  
Mine survey of inaccessible underground cavities through vertical boreholes. A. P. Trunin, L. V. Fomichev, Gos. zhur. 143 no. 6:64-65 Je '68.  
Phenidonehydroquinone developer for the treatment of black-and-white reversible films. T. A. Novatetskaya, G. G. Novikova, Tekh. kino i telev. 12 no. 8:29-31 Ag '68.  
Photographic cameras: assortment and quality. T. Ostanovskii, Sov. iorg. 41 no. 7:34-39 '68.  
Recent developments in motion-picture lighting. Kh. A. Rabinovich, G. I. Kharzanov, Tekh. kino i telev. 12 no. 8:59-61 Ag '68.

## 778.1 Photocopying and printing

Microfilming, its perspectives and uses. I. U. P. Zakharenko, Sred. spets. obr. 15 no. 5:13-15 My '68.

## 778.33 X-ray and gamma-ray photography. Radiography

Angiography of vessels of the pelvis through the inferior epigastric artery. N. A. Mutalibov, Azerb. med. zhur. 45 no. 4:38-41 Ap '68.  
Arch of the aorta and its branches in X-ray pictures. V. P. Vilkovoi, Klin. khir. no. 9:50-59 S '68.  
Azygography in lung cancer. V. A. Kholod, Grud. khir. 7 no. 5:70-74 S-O '65.  
A case of aseptic necrosis of the atyloid process of the radius. E. I. Kleiman, Vest. rent. i rad. 43 no. 3:83-84 My-Je '68.  
A case of bilateral aseptic necrosis of the iliacular bones of the carpus. I. U. V. Ivanchuk, N. N. Bazhinikii, Vest. rent. i rad. 43 no. 3:82-83 My-Je '68.  
A case of defect of the interauricular septum with formation of aneurysm of the pulmonary artery. L. B. Zhmud', R. N. Kolesnikova, Vest. rent. i rad. 43 no. 3:91-92 My-Je '68.  
A case of dormant cyst of the breast. A. N. Lanin, F. A. Kadyrov, Vest. rent. i rad. 43 no. 3:92-93 My-Je '68.  
Cases of Grisel's disease. V. I. Kvashina, Vest. rent. i rad. 43 no. 3:70-80 My-Je '68.

- Cervical atherosclerosis and laryngoscopy. G. M. Tytler, J. P. Shal'ga. Vest. rent. i rad. 43 no. 3:68-90 My-Je '68
- Changes in the skeleton in angionias of the soft tissues. E. L. Podlitskiy, G. G. Khramtsova. Vest. rent. i rad. 43 no. 3:44-48 My-Je '68.
- Characteristics of the clinical course and X-ray picture of chinga in seamen-hunters of the Far-Eastern Dash. V. I. Voronova. Vest. rent. i rad. 43 no. 3:37-43 My-Je '68.
- Clinical and roentgenological diagnosis and surgical treatment of developmental pulmonary defects in adults. V. I. Struchov, G. P. Vol'-I psheln, V. A. Sakharov. Grud khir. i no. 5:19-25 S-O '65.
- Clinical and roentgenological diagnosis of tuberculosis of the breast. P. D. Kharov. Probl tub 43 no. 4:17-50 '65
- Clinicorontgenological diagnosis of avulsion of apophyses of the ischia. E. M. Kagan, M. K. Klimova. Vest. rent. i rad. 43 no. 3:14-21 My-Je '68.
- Clinicorontgenological manifestations of metastases of cancer of the prostate into pelvic bones. A. P. Soborov. Vest. rent. i rad. 43 no. 3:8-14 My-Je '68.
- Concerning J. S. Skobli and I. A. P. Mantkevich's article "Experience in application of large photographic fluorography of the stomach in prophylactic mass examinations." E. Morelals. Vest. rent. i rad. 43 no. 3:72-73 My-Je '68.
- Contrast study of the bronchial tree and residual pleural cavities in children. L. P. Kravchenko, S. G. Manella. Grud khir. 7 no. 5:110-111 S-O '65
- Contrast X-ray examination in cystic formations of the frontal sinuses. I. A. A. Pustovskii, I. U. B. Jakhaki. Vest. rent. i rad. 43 no. 3:75-76 My-Je '68.
- Differential diagnosis of anomalies in the development of the interaural septum. P. N. Romanov and others. Grud khir. 7 no. 5:10-20 S-O '65
- Enlarged panoramic roentgenography and panoramic tomography and their use in stomatology. N. A. Rabukhin, E. I. Zhilitskaya. Vest. rent. i rad. 43 no. 3:57-61 My-Je '68.
- Experience in the use of transosseous pelvic phlebography in tumors of the urinary bladder. G. A. Gavrilov, N. I. Sefanova. Vest. rent. i rad. 43 no. 3:62-66 My-Je '68.
- Firm holder for roentgenography of the femoral neck. G. Parnalis. Ortop. i travn. i protz. 29 no. 9:73-75 S '68.
- Giant-cell tumor (osteoblasto-osteoma) of the rib. O. S. Lipkina, P. K. Pavlov. Vest. rent. i rad. 43 no. 3:84-85 My-Je '68.
- Index of articles on roentgenology and radiology published in affiliated clinical periodicals during 1967. Vest. rent. i rad. 43 no. 3:97-109 My-Je '68.
- Lymphography in tumors of the skin, soft tissues of the lower extremities, and the penis. L. S. Rozenshtaukh, V. N. Gavril, L. S. Sukovatykh. Vest. rent. i rad. 43 no. 3:60-71 My-Je '68.
- Morphological study of discs following discography. M. E. Furman. Vest. rent. i rad. 43 no. 3:35-37 My-Je '68.
- Radiological reconstruction of the first rib. S. T. Zaitsepin, A. I. Plakhov. Vest. rent. i rad. 43 no. 3:81 My-Je '68.
- Reoperation of gastric ulcer during roentgenoscopy. M. I. Levin, I. U. P. Kurochkin, I. M. Khil. no. 9:76-77 S '63.
- Positioning of patients in tomographic examination of various sections of the spine. O. G. Popov. Vest. rent. i rad. 43 no. 3:25-30 My-Je '68.
- Rontgenologic characteristics of some development anomalies of skeletal bones. I. M. Eriksman. Azorb. med. zhur. 45 no. 4:54-59 Ap '68.
- Rontgenological picture of Ewing's sarcoma of the metaphyses of tubular bones. M. S. Tselinskii. Vest. rent. i rad. 43 no. 3:3-8 My-Je '68.
- Some roentgenological indices of the state of the atrium dextrum in rheumatic lesions of the heart in children. F. P. Narina. Vest. rent. i rad. 43 no. 3:90-91 My-Je '68.
- Sporadicosis of the muscles. I. A. Bahban. Vest. rent. i rad. 43 no. 3:85-87 My-Je '68.
- Symptom of anulo-orbit as a roentgenological indication to congenital toxoplasmosis. A. I. Monchuk. Vest. rent. i rad. 43 no. 3:78-79 My-Je '68.
- Tomographic examination of postoperative cavity in chronic purulent otitis. S. B. Iladi. Vest. rent. i rad. 43 no. 3:77-78 My-Je '68.
- Use of negatoscope showcase for practical studies at a medical institute. B. I. Zakharov. Vest. rent. i rad. 43 no. 3:74-75 My-Je '68.
- Variant of the execution of longitudinal tomography of the sternum in direct projection. L. S. Semashko. Vest. rent. i rad. 43 no. 3:87-88 My-Je '68.
- X-ray characteristics of an Echinococcus cyst of the left lung following its rupture into the bronchus. A. M. Lur'e. Azorb. med. zhur. 45 no. 8:55-60 Ag '68.
- X-ray data on the reconstruction of bone autotransplants in plastic surgery on the spine. I. V. Ralio. Vest. rent. i rad. 43 no. 3:30-34 My-Je '68.
- X-ray diagnosis of actinomycosis of the bones of the maxillofacial region. I. A. Shekhtor, I. I. Voinob'ev, T. G. Robustova. Vest. rent. i rad. 43 no. 3:48-57 My-Je '68.
- X-ray diagnosis of malignant tumors of the soft tissues. F. A. Kadyrov, A. N. Lahn. Vop. onk. 14 no. 9:36-39 '68.

X-ray diagnosis of tuberculous osteitis in the lower portion of the trochanteric fossa in children. I. A. Sergeev. Vest. rent. i rad. 43 no. 3:21-25 My-Je '68.

## 778 5 Cinematography

- Multi-in single acts. G. A. Mianikov. Tekh. kino i telev 12 no. 8:13-13 Ag '68
- Determination of basic technical data on the speed of sound carriers of block stabilizers. V. I. Strizhak. Tekh. kino i telev 12 no. 8:25-28 Ag '68
- A great heritage. A. Borisov. Nov. vrem. 26 no. 46:11-12 N '68
- Heat exchange in projection aperture during fixed projection. A. I. A. Kuperman, L. G. Tarasenko. Tekh. kino i telev 12 no. 8:14-21 Ag '68
- Recent developments in motion-picture lighting. Kh. A. Rabinovich, G. I. Khamzanov. Tekh. kino i telev 12 no. 8:50-61 Ag '68
- Testing film for black-and-white and color television. N. Tolstov and others. Tekh. kino i telev 12 no. 8:39-41 Ag '68
- V. I. Lenin and the formation of Soviet cinematography. L. S. Pivovara, Uch zap. Kaf. obshchestv. nauk vuz g Len. i Ist KPSS no. 8:98-114 '68

## 79 MUSIC

- Analogy is not proof. N. Tiflikid. Sov. muz. 32 no. 4:91-94 Ap '68.
- An artist of high intellect. L. Zhivov. Sov. muz. 32 no. 4:80-81 Ap '68.
- "Atlantides" G. Kasatkina, L. Fedotova. Sov. muz. 32 no. 4:23-26 Ap '68
- "The bugle sounded at break of dawn..." I. I. Zornitsovskii. Sov. muz. 32 no. 3:47-48 Mr '67
- Celebrating the congress of Russian composers. Sov. muz. 32 no. 4:2-14 Ap '68.
- Conclusions and wishes. K. Kondrashin. Sov. muz. 32 no. 3:32-37 Mr '67
- Developing folkloric traditions. V. Zhivov. Sov. muz. 32 no. 4:77-78 Ap '68.
- Evening at the composers' club. I. Chalaeva. Sov. muz. 32 no. 4:82-81 Ap '68.
- Folklore, historicism, and parody. I. Zornitsovskii. Sov. muz. 32 no. 4:80-81 Ap '68.
- The force of emotional conviction. L. Vladimirov. Sov. muz. 32 no. 4:79-80 Ap '68.
- I'm on a diary of concert life. G. Uudin, A. Arsen'ev. Sov. muz. 32 no. 3:50-51 Mr '67
- From the times of Mahler. K. Rozenshtaukh. Sov. muz. 32 no. 3:87-87 Mr '67
- Give national orchestras a modern structure. M. Lysonko. Sov. muz. 32 no. 4:70-72 Ap '68.
- The glory of these days will not grow silent... V. Vinogradov. Sov. muz. 32 no. 3:50-57 Mr '67
- The piano music... Francis Poulenc. Sov. muz. 32 no. 4:100-111 Ap '68.
- In memory of Gaspar Casado. L. Ginzburg. Sov. muz. 32 no. 1:138 Mr '67
- In musical orbit. Sov. muz. 32 no. 3:133-137 Mr '67.
- In musical orbit. Sov. muz. 32 no. 4:140-145 Ap '68.
- In this the end of music criticism? M. Tarakanov. Sov. muz. 32 no. 3:25-31 Mr '67
- A journey into the remote past in quest for music. R. L. Sadokov. Sov. cin. no. 1:146-163 Ja-F '68.
- Laudation speak. I. U. Temirkanov and others. Sov. muz. 32 no. 3:30-43 Mr '67
- Long live national choirs! A. Reposov. Sov. muz. 32 no. 4:65-70 Ap '68.
- Loyalty to one's theme. R. Kosachova. Sov. muz. 32 no. 4:15-17 Ap '68.
- Mastery and inspiration. P. Vasil'ov. Sov. muz. 32 no. 4:81-82 Ap '68.
- Meetings with an artist. Dm. Rogal'-Iovitskii. Sov. muz. 32 no. 4:101-108 Ap '68.
- "Melody" firm is on exhibition. G. Steludchenko. Inform. biul. VDNKH no. 9:34-35 S '68.
- Musical and the imagination. Aaron Copeland. Sov. muz. 32 no. 4:117-122 Ap '68.
- Music festival. L. Zhivov. Sov. muz. 32 no. 3:52-63 Mr '67
- Nothing but diatonics? S. Pushkina. Sov. muz. 32 no. 3:102-104 Mr '67
- On duty in November. M. Nest'eva. Sov. muz. 32 no. 3:13-18 Mr '67
- Our guests. A. Sh. Sov. muz. 32 no. 4:138-139 Ap '68.
- The path to the blossoming of creativity. M. Aronovskii. Sov. muz. 32 no. 4:95-100 Ap '68.
- Poetry of light sentiments. M. Khalik. Sov. muz. 32 no. 4:17-20 Ap '68.
- Reminiscences of Lunacharskii. I. Gnesina. Sov. muz. 32 no. 3:70-72 Mr '67
- A review of professionalism. L. Ginzburg. Sov. muz. 32 no. 3:37-39 Mr '67.
- Silapina sings "Farewell, happiness." L. Lobedinskii. Sov. muz. 32 no. 4:72-76 Ap '68.
- Solitude towards talents... N. Zelov. Sov. muz. 32 no. 3:67-70 Mr '67
- Songs of southern Russia. V. Shchurov. Sov. muz. 32 no. 3:98-102 Mr '67
- Songs of the motherland of Glinka, V. Lapin, A. Bolonenko. Sov. muz. 32 no. 4:112-116 Ap '68.
- Studying the score of "Turangala." G. Khalmovskii. Sov. muz. 32 no. 3:105-113 Mr '67
- Success demands further work. N. Verbova. Sov. muz. 32 no. 3:40-49 Mr '67.
- Ten piano monographs. N. Rastopshina. Sov. muz. 32 no. 4:85 Ap '68.

- Through the countries of the world. A. Klimovitskii, V. Fedin, E. Melikh. Sov. muz. 32 no. 3:53-56 Mr '67
- 20 years of interbellum music. I. Nest'ev. Sov. muz. 32 no. 3:75-87 Mr '67
- A vital subject. I. Zelik. Sov. muz. 32 no. 3:43-46 Mr '67
- Where is the "madrigal" going? P. Izotov. Sov. muz. 32 no. 4:78-79 Ap '68.
- "A worker song": answers to an article. Ignator. no. 17:61 S '68
- 78(438)—Austria
- The unforgettable... A. Maslennikov. Sov. muz. 32 no. 4:130-135 Ap '68.
- 78(138)—Poland
- A holiday celebration. Jozef Kanski. Sov. muz. 32 no. 4:123-127 Ap '68.
- The living past. I. U. Keldysh. Sov. muz. 32 no. 3:116-126 Mr '67
- A meeting with Wilborska. A. Vul'fon. Sov. muz. 32 no. 3:55-57 Mr '67

## 78(438)—Hungary

- International festival of choral music. V. Sokolov. Sov. muz. 32 no. 3:127-129 Mr '67
- 78(474.2)—Estonian S. S. R
- Blazers of trails. L. Normet. Sov. muz. 32 no. 3:10-23 Mr '67
- From my notebook. I. Il'iev. Sov. muz. 32 no. 3:25 Mr '67
- Pupils to their teacher. F. Tulin and others. Sov. muz. 32 no. 3:23-25 Mr '67
- 78(476)—White Russian S. S. R
- Harvest time songs of the White Russian Polesye. Z. I. A. Mazhuka. Vest. AN BSSR. Ser. hr. nam. nav. no. 2:110-120 '68.
- 78(479.24)—Azerbaijan S. S. R
- The making of an artist. I. Abogauz. Sov. muz. 32 no. 3:7-12 Mr '67
- 78(479.25)—Armenian S. S. R
- Principal musicological types of the folk songs of Armenian cities. A. A. Atumian. Vest. obshchestv. nauk AN Arm SSR no. 6:70-81 Je '68.
- 78(487.2)—Bulgaria
- Artist and democrat. S. Stolanov. Sov. muz. 32 no. 3:114-115 Mr '67
- 78(510.17)—North Korea
- Art of friends. M. Rohnev. Sov. muz. 32 no. 3:51-52 Mr '67
- 78(575.2)—Kirghiz S. S. R
- With thoughts of the future. K. Konduchalova. Sov. muz. 32 no. 3:3-6 Mr '67.
- 78(72)—Mexico
- Lula Herrera on the podium. P. Pichugin. Sov. muz. 32 no. 3:57-58 Mr '67
- 79 ENTERTAINMENT. PASTIMES. GAMES. SPORT
- "Melody" firm is on exhibition. G. Steludchenko. Inform. biul. VDNKH no. 9:34-35 S '68.

## 701 Public entertainment

- Public education, science, and culture. Vest. stat. no. 0:86-90 '68.
- 791.4 Films. Motion pictures
- Centralization of accounting in the motion-picture network. G. Kovalev. Bukh. uch. 27 no. 7:38-41 Ji '68.
- Mediocrity is unnatural. F. Khlopilnikova. Zhurnal. 12 no. 12:64-67 Ji '67
- Whom the face of the author is visible... L. Zakoshanskaya, I. Strazhenkova. Sov. muz. 32 no. 4:28-30 Ap '68.
- 792 Theater. Dramatic performances
- At the crossroads of the Soviet theater. I. Uvarova. Zhurnal. 12 no. 8:8-9 My '67
- Discussing S. Steludchenko's "Virtuosa." D. Rabinovich and others. Sov. muz. 32 no. 4:31-46 Ap '68.
- The new birth of "Little Red Riding Hood." V. Osipova. Sov. muz. 32 no. 4:55-57 Ap '68.

## 702(41)—United Kingdom and Northern Ireland

- How to write opera for television. Thomas Eastwood. Sov. muz. 32 no. 4:136-138 Ap '68.
- 702(431)—German Democratic Republic
- The Barjila Staatsoper. Iana Plescher. Sov. muz. 32 no. 4:127-129 Ap '68.
- Operatic capital. K. Ird. Sov. muz. 32 no. 3:130-132 Mr '67

792(471 310)—Moscow City  
In the tracks of our performances. Sov. muz. 32 no. 4  
87 Ap '68.  
The romanticism of the fairy tale. L. Polakov. Sov. muz.  
32 no. 4 51-55 Ap '68  
The Warsaw Bolshoi in Moscow. O. Levonova. Sov.  
muz. 32 no. 1 58-61 Ap '68.

792(474 2)—Estonian S.S.R.  
I've and one. I. Kuznetsova. Sov. muz. 32 no. 4 46-  
51 Ap '68.

792 8 Ballet  
Pliatskaki dances the habanera. G. Tshirniak. Zhurnal-  
ist no. 10 69-70 O '67.

#### 790 Sport. Games. Athletics

Acceleration of pubescence and motor activity in  
adolescents. I. M. Arestov. Teor. i prak. fiz. kul't.  
31 no. 8 44-47 Ag '68.  
Brief news. Teor. i prak. fiz. kul't. 31 no. 8 70-80 Je '68  
Correlating the results of training for triple contests  
in wrestling and weightlifting. I. N. Abramovskii.  
Teor. i prak. fiz. kul't. 31 no. 6 5-8 Je '68.  
Correlation of the indicators of cardio- and hemodynamics  
in athletes at the basal metabolism level under the  
conditions of relative rest. V. F. Lotkov, N. A.  
Stepochkina. Teor. i prak. fiz. kul't. 31 no. 5 25-27  
My '68.  
A device for measuring the number of the prize fighters'  
blosses. E. M. Kurakov, G. V. Mikhlin. Teor. i prak.  
fiz. kul't. 31 no. 5 22-24 My '68.  
Distribution of the skiers' strength over a 5,000 m.  
distance at the Tenth Winter Olympic Games. V. S.  
Farol'. Teor. i prak. fiz. kul't. 31 no. 8 16-19 Ag '68.  
Dynamic of proprioceptive sensibility in women  
athletes. A. S. Ermolova, V. M. Lebedev. Teor. i  
prak. fiz. kul't. 31 no. 6 30-30 Je '68.  
Dynamics of radiotelemetric electrocardiography in  
swimmers and skaters. R. K. Zaitudinov and others.  
Teor. i prak. fiz. kul't. 31 no. 5 15-10 My '68.  
Early specialization in sambo wrestling. V. E. Rublevskii.  
Teor. i prak. fiz. kul't. 31 no. 8 19-20 Je '68.  
Effect of altitude on the mechanical work of sprinters.  
V. A. Petrov. Teor. i prak. fiz. kul't. 31 no. 6 69-  
71 Je '68.  
Effect of sport gymnastics on the precision of the re-  
production of movements by schoolchildren. L. N.  
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796(471 52)—Bashkii A. S. S. R.  
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796(474 3)—Latvian S. S. R.  
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Reflections on methodological and methodical. V. K. Khar-  
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### 84 Romance literature

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## 91 GEOGRAPHY, EXPLORATION AND TRAVEL

910 General studies. Accounts of travels, expeditions, etc.  
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Vech. arad. shkola 11 no. 5 60-72 S-O '68.

## 910(265)—Pacific Ocean

A scientist and explorer of the seas of the Soviet Far  
East: on L. A. Domina's 70th birthday. E. E. Shveda,  
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## 910(268)—Arctic Ocean

Scientific achievement by Russian sailors. L. A.  
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## 910(431)—German Democratic Republic

Reportage from the Thuringian Forest. A. Illier, Nov.  
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## 910(56)—Near East

Easter pilgrimages to the Holy Land. Zhur. Mosk. Patr.  
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## 910(599.4)—Israel

Under the shelter of the Russian Theological Mission in  
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## 910(599.5)—Jordan

Christmas pilgrimages: holiday in Bethlehem. M. Speran-  
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## 910(571.6)—Soviet Far East

A map that shows the route of a Russian expedition to  
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of the Taymyr Peninsula. V. A. Troitskii, Izv. Vses.  
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910(87)—Equatorial, South Central and East  
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## 910(729.1)—Cuba

Among friends and brothers in Cuba. Pavel Sokolovskii  
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## 910(8)—South America

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## 911 General geography (physical, human, applied, etc.)

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## 911(471.41)—Tatar A.S.S.R.

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## 911(471.43)—Kuybyshev Province

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## 912(471.232)—Leningrad City

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#### 947.084(479.24)—Azerbaijan S. S. R.

Twenty-six Baku commissars. L. Shaumian. Arhtator no. 17:31-32 S '68.

#### 947.084(571.15)—Altai Territory

History of the struggle against the counterrevolutionary activity of the petty bourgeoisie in the Altai Mountain region in 1920. M. A. Bogdanov. Uch. zap. Uf'ian. gos. ped. inst. 22 no. 1:152-186 '68.

#### AUXILIARY CLASS BY PLACE

(177) Undeveloped and underdeveloped areas  
see under the following numbers. 330, 2, 338; 332; 725, 4

(21) Earth's land areas  
see under the following number: 551, 2

- (211) Cold, frigid regions  
see under the following numbers: 024.1, 728
- (213) Hot (tropical, subtropical) regions  
see under the following numbers: 551.5, 031
- (234) Mountains of Europe  
see under the following numbers: 551.7, 552;  
631.4
- (235) Mountains of Asia  
see under the following numbers: 546, 549
- (281) Atlantic Ocean  
see under the following number: 551.46
- (281.1) North Atlantic Ocean  
see under the following numbers: 551.1, 551.2,  
551.40
- (281.3) Baltic Sea, with Gulfs  
see under the following numbers: 553.0; 639.3
- (282) Mediterranean Sea, including Adriatic and Aegean Seas  
see under the following numbers: 552; 681.5;  
595
- (282.5) Black Sea  
see under the following numbers: 576.8; 592,  
597; 639.3
- (282.8) Caspian Sea  
see under the following numbers: 546.8, 551.8,  
599; 639.2
- (282.9) Aral Sea  
see under the following number: 551.2
- (285) Pacific Ocean  
see under the following numbers: 550.8; 551.2;  
551.4; 551.5; 595, 597; 639.2, 610
- (287) Indian Ocean  
see under the following number: 639.2
- (288) Arctic Ocean  
see under the following numbers: 592, 639.3;  
910
- (4/0.103) Communist countries of the world  
see under the following numbers: 327; 329.06;  
33; 332.2; 330.41; 341.2; 351.65, 382, 623.3
- (4/0.104) Capitalist countries of the world  
see under the following numbers: 02; 07; 28;  
31; 323.15, 323.2; 328; 33; 331; 336.49; 338;  
338.1; 341.2; 342.7; 355; 368; 362; 621,  
622.3; 656.635; 677; 681.1; 7.01; 930
- (4) Europe  
see under the following numbers: 28, 330.2; 331;  
331.6; 622.3, 930, 94
- (4.0) European capitalist countries  
see under the following number: 325
- (41) United Kingdom and Northern Ireland  
see under the following numbers: 01, 05; 07; 327;  
331.1; 331.681; 336.1; 342; 35.08; 351.74;  
371.9; 382.16; 631.5; 659; 684.7; 792; 930;  
94
- (430) Germany  
see under the following numbers: 300.582, 325;  
338.41; 340.96; 623.461; 75; 94, 940.53
- (431) German Democratic Republic  
see under the following numbers: 00.07; 07;  
329.05; 330.19; 336; 342; 343; 347.9;  
378; 381.1; 382; 653; 621.5; 621.87; 621.92;  
622.2; 625.7; 629.123; 664.1; 792; 910
- (433) Federal Republic of Germany  
see under the following numbers: 07, 28; 31; 323,  
327, 329.06; 329.4; 336.42; 336.47; 351.74,  
355, 355.02; 629.123; 930
- (436) Austria  
see under the following numbers: 382, 78
- (437) Czechoslovakia  
see under the following numbers: 01, 07, 323,  
323.1, 327, 342, 342.7, 615, 621.9; 660.1,  
691.2, 711.4, 930.26, 94, 940.53
- (438) Poland  
see under the following numbers: 07; 327, 378;  
382, 389; 578.8; 616.9, 625.8, 627.3;  
629.123, 681.1; 681.2, 693.6, 711.4, 78;  
930.26; 94
- (439) Hungary  
see under the following numbers: 07, 351.83, 37,  
551.7, 571, 621.5; 629.12, 666.9; 78; 94
- (44) France  
see under the following numbers: 07, 14; 32;  
331.8; 382, 615.3, 616.1, 629.113; 741, 930,  
94; 940.53
- (45) Italy  
see under the following numbers: 331.6; 338; 389,  
626.8; 629.113, 7.05, 930, 931; 94
- (460) Spain  
see under the following number: 94
- (470) European U. S. S. R.  
see under the following numbers: 551.4; 551.48;  
551.5; 746
- (471) Russian Soviet Federated Socialist Republic (R. S. F. S. R.)  
see under the following numbers: 01; 34; 347.903;  
351; 389; 39, 631.8; 664.7; 69
- (471.1) Northern R. S. F. S. R.  
see under the following numbers: 07; 323.3, 331.8;  
338; 338.9; 650.3; 711.4, 911, 947
- (471.11) Archangel Province  
see under the following numbers: 07; 37; 66.0,  
663
- (471.12) Vologda Province  
see under the following numbers: 338.1; 37; 625.7;  
689.1; 947
- (471.13) Komi A. S. S. R.  
see under the following numbers: 551.2; 621.6;  
621.791; 622.3; 658.8
- (471.2) Northwestern R. S. F. S. R.  
see under the following numbers: 07; 621.6;  
658.5
- (471.21) Murmansk Province  
see under the following numbers: 549; 551.3; 552;  
553, 622.2; 653
- (471.22) Karelian A. S. S. R.  
see under the following numbers: 352; 381.6; 571
- (471.23) Leningrad Province  
see under the following numbers: 338.1; 362.1;  
378; 622; 629.12; 631.3; 636, 940.63
- (471.232) Leningrad City  
see under the following numbers: 329.01; 331;  
331.97; 338.93, 347.264; 347.77; 362.4;  
370.17; 371.9; 373.6; 378; 381.5; 628.6;  
629.12; 631.6; 656.1, 658.3; 658.5; 676,  
677; 711.4; 725.8, 798; 912; 947.084;  
947
- (471.24) Novgorod Province  
see under the following numbers: 368.48; 378;  
666.7; 7.04; 725, 75
- (471.25) Pskov Province  
see under the following numbers: 553, 711.1
- (471.29) Kaliningrad Province  
see under the following numbers: 382.6, 378
- (471.31) Central Industrial regions  
see under the following number: 947
- (471.310) Moscow City  
see under the following numbers: 02, 06.09;  
07, 09, 28, 329.01; 331, 338.98; 351.9,  
370.17; 373.6, 378, 380.13, 381, 381.5,  
62; 621.75; 624; 625.4; 627; 657, 658.8,  
659; 637, 726; 728; 782, 930, 947.084
- (471.311) Moscow Province  
see under the following numbers: 069, 329.02,  
331.831, 338, 338.1, 347.996, 371.1, 373.6;  
381.5; 653; 613.7, 614.7; 631.4, 631.5;  
631.8; 634.0; 635.1; 639.3, 641, 658, 666.7,  
69, 711.4, 947.084
- (471.312) Tula Province  
see under the following numbers: 616.9; 625.7
- (471.313) Ryazan Province  
see under the following numbers: 331; 382.6, 374,  
604.7
- (471.315) Ivanovo Province  
see under the following number: 373.6
- (471.316) Yaroslavl Province  
see under the following numbers: 331; 381.5;  
621.311
- (471.317) Kostroma Province  
see under the following numbers: 07, 329.05, 331
- (471.32) Central Black Earth regions  
see under the following numbers: 597; 639.3,  
947.084
- (471.321) Orel Province  
see under the following numbers: 338.1; 370.17
- (471.322) Lipetsk Province  
see under the following number: 947
- (471.323) Kursk Province  
see under the following numbers: 347.9, 622.3;  
622.7; 631.4; 940.53
- (471.324) Voronezh Province  
see under the following numbers: 661; 621.311;  
631.3; 658.3; 664.1; 664.7
- (471.325) Belgorod Province  
see under the following numbers: 371.1, 622.2
- (471.326) Tambov Province  
see under the following numbers: 302.6; 631.3;  
639.08
- (471.327) Penza Province  
see under the following number: 657
- (471.328) Mordvin A. S. S. R.  
see under the following numbers: 37; 39, 553; 572;  
631.6; 631.9; 632.0; 633.1; 633.2, 633.3;  
633.4; 633.6; 634.1; 635.1; 635.6
- (471.33) Western R. S. F. S. R.  
see under the following numbers: 329.02; 940.53
- (471.331) Kalinin Province  
see under the following numbers: 333; 639.3;  
947.084
- (471.332) Smolensk Province  
see under the following numbers: 338.1; 37; 631.6

- (471.333) Bryansk Province  
see under the following number 362.7
- (471.34) Volga-Vyalka regions  
see under the following numbers 551.2, 552, 553.9
- (471.341) Gorkiy Province  
see under the following numbers 591.6; 595, 598.2, 599, 629.12, 631.3, 633, 635.8
- (471.342) Kuov Province  
see under the following number 553.9
- (471.344) Chuvash A. S. S. R.  
see under the following number 553.9
- (471.4) Central and Lower Volga regions  
see under the following numbers: 329.01; 34, 550.8, 551.2; 552; 553.9, 622.3, 656.6, 658.1, 674; 684; 947
- (471.41) Tatar A. S. S. R.  
see under the following numbers: 336.1; 371.7; 550.3, 550.8; 551.2, 551.7, 552; 553, 553.9, 571, 61, 614.2, 616.9, 621.31; 621.311; 621.6, 622.2; 622.3, 624; 627.8, 658.1, 711.4, 911, 914
- (471.42) Ulyanovsk Province  
see under the following numbers 329.04, 338.1, 37, 370.17, 947.084
- (471.43) Kuybyshev Province  
see under the following numbers. 07; 329.01, 37; 371.1; 550.8, 551.2, 553; 553.9, 577.4, 621.311, 622.2; 622.3, 658.6; 665.6; 725.4, 911
- (471.44) Saratov Province  
see under the following numbers 081; 331, 552, 553.9, 616.89; 621.43; 631.2, 631.2, 658; 658.6; 69, 930.26
- (471.45) Volgograd Province  
see under the following numbers 381.5, 551.7, 552; 553.9, 621, 657, 658.3, 658.5, 66.04, 664, 665.4; 665.6; 666.9, 669.1, 678, 711.4
- (471.46) Astrakhan Province  
see under the following numbers 635, 664.8
- (471.5) Ural regions  
see under the following numbers 542, 550.8, 551.2; 552, 553, 553.9, 571; 599; 615, 622.3, 634.0, 658.5; 69, 930.26
- (471.51) Udmurt A. S. S. R.  
see under the following numbers 550.3; 550.8; 551.2; 551.7; 553.9; 627.8
- (471.52) Bashkir A. S. S. R.  
see under the following numbers: 553, 553.9, 561, 561.5, 613.7; 621.6; 621.87, 622.2, 633, 633.2; 634.0; 658.1; 665.5, 711.4; 796, 930.26
- (471.53) Perm Province  
see under the following numbers: 338.1, 368.4; 373.6; 621.313, 622.2; 656.5; 947
- (471.54) Sverdlovsk Province  
see under the following numbers: 37; 373.6; 380.13; 381.5, 621; 622.2; 622.7; 657; 658.5; 658.8, 678.4
- (471.55) Chelyabinsk Province  
see under the following numbers 657; 667
- (471.56) Orenburg Province  
see under the following numbers. 552, 553.9; 621; 625.7; 657; 664.1
- (471.5) Northern Caucasus  
see under the following numbers: 552; 553.9; 576.8; 551.5; 559.3; 930.26, 931, 947.084
- (471.61) Rostov Province  
see under the following numbers. 329.02; 330.10; 626.8; 631.3, 631.6, 658.5, 669.1, 947.084
- (471.62) Krasnodar Territory  
see under the following numbers. 336.1, 362.1, 381.5, 550.8, 551.49, 615.8, 622.2, 626.8; 629.128, 631.3, 661.7, 664, 664.1, 664.8
- (471.63) Stavropol Territory  
see under the following numbers 373.68, 551.7; 622.2, 636.08; 658.5, 66, 664.7; 930.26
- (471.631) Kalmyk A. S. S. R.  
see under the following number 633
- (471.65) North Ossetian A. S. S. R.  
see under the following number 368.48
- (471.66) Chechen-Ingush A. S. S. R.  
see under the following numbers 551.2, 551.40, 551.7
- (471.67) Dagestan A. S. S. R.  
see under the following numbers 551.49, 553; 582.4, 599
- (474) Baltic Republics  
see under the following number 711.5
- (474.2) Estonian S. S. R.  
see under the following numbers. 398; 553; 625.7; 631.6; 644, 664.8; 78; 792
- (474.3) Latvian S. S. R.  
see under the following numbers: 329.02; 371.6; 378, 616.089; 621.3; 624.3, 658.5, 947.084
- (474.5) Lithuanian S. S. R.  
see under the following numbers 07, 373.0, 380.16; 626.8, 631.6; 657; 658.1, 677
- (476) White Russian S. S. R.  
see under the following numbers: 02; 07; 31; 329.01, 329.04, 331; 336.1; 338; 338.1; 352; 37; 371.1; 378, 388.384; 389.1; 39, 550.8; 553.9, 572; 626.8; 631.3; 631.6; 631.8; 633; 64; 656.2, 657, 658.1; 658.5; 664.7; 664.8; 681.1; 69; 691; 78; 940.53; 947
- (477) Ukrainian S. S. R.  
see under the following numbers. 02; 05, 061; 07, 168; 28; 300.48; 311; 329.01, 329.02, 329.04; 330.115, 331; 331.8; 331.881; 331.97; 338, 338.1, 338.4; 339; 343; 343.077; 347; 371.1; 373.6, 378, 381, 381.6; 386/388; 39; 391; 549; 550.8; 551, 551.2; 551.49; 553; 553.9; 571; 576.8; 613.2, 613.6; 613.7, 614.8; 615.8; 616.089; 616.9; 621, 621.1; 621.6; 621.791; 621.95; 622.2; 622.3, 624; 625.2; 625.7; 626.8; 627.2; 629.116; 63, 631.1, 631.3; 631.4, 631.52, 631.6; 631.8; 633; 633.6; 634.08; 634.1; 634.8; 635.1; 636.085; 636.3; 637; 639.2; 65.01, 656.6; 657; 658; 658.1; 658.3; 658.5, 658.7; 66; 66.0; 663; 664.1; 664.2, 664.6, 664.7, 664.8; 666.2; 666.7; 666.8, 666.9; 669; 669.1; 677; 677.08; 686, 687; 69, 69.02; 69.05; 691; 691.2; 693.6; 693.8, 698; 711.4; 725.4; 720; 700; 930.26; 947.084
- (477.6) Donetsk Basin  
see under the following numbers: 519.24, 551.3; 552; 576.8, 621.791; 622.2; 622.3; 622.6, 669.1, 693.5; 940.53
- (477.8) Western Ukraine  
see under the following numbers 551.2; 551.8; 571; 597; 614.2; 616.3, 658.1; 685; 930.26
- (477.88) Transcarpathia  
see under the following numbers: 329.03; 331.8; 712; 728
- (477.9) Crimea  
see under the following numbers 336.1; 362.1; 550.8; 551.2; 571; 581.4; 629.113; 631.1; 631.3, 635.1; 658.3; 930.26
- (478) Moldavian S. S. R.  
see under the following numbers 329.01; 378; 380.13; 621.6; 631.3; 647; 657, 664; 664.1; 664.8; 667
- (479) Caucasus and Transcaucasia  
see under the following numbers. 302.1; 548, 550.4, 551.7, 561, 562; 627.5; 631.4; 633.2
- (479.22) Georgian S. S. R.  
see under the following numbers: 02; 001, 323.1, 330; 37, 546.1; 551.3; 551.40; 551.6, 553, 577.4, 595; 615.8; 631.4; 631.52; 631.8; 632.9, 632.96, 634.0, 634.1; 658.6, 664; 664.8, 666.5
- (479.223) Abkhaz A. S. S. R.  
see under the following numbers 631.4; 632.03
- (479.224) Abkhaz A. S. S. R.  
see under the following numbers: 381.5; 551.44, 930.26
- (479.24) Azerbaijan S. S. R.  
see under the following numbers: 329.01; 329.02, 339.1, 34, 378; 550.4, 550.8; 551.2; 551.3, 551.40, 551.7; 551.8; 552, 553.9; 562; 576.8, 581; 581.3; 582.4; 591.6; 593; 613.7, 614; 614.2; 616; 615.3, 615.4; 616.8; 616.9; 616.2, 616.4; 616.9; 621.1; 621.31; 621.6, 621.88; 622.2; 625.4; 626.8, 631.4; 631.6; 633, 633.2; 634.1; 635.8; 636.3; 636.2, 636; 658.5; 664.8; 664.9; 665.6, 726; 70, 708; 930.26, 947.084
- (479.242) Nakhichevan A. S. S. R.  
see under the following number: 553
- (479.25) Armenian S. S. R.  
see under the following numbers: 05; 35, 308, 551.7; 582.2, 582.4; 615.8, 621.313; 631.3, 633.6, 633.71; 634.1; 635.1; 651; 658.3, 664; 664.8; 748; 76, 78; 613.1; 930.26
- (48) Scandinavia  
see under the number; 625.7
- (480) Finland  
see under the following numbers: 28; 320.00, 661.2
- (481) Norway  
see under the following numbers: 551.1, 551.2
- (485) Sweden  
see under the following number: 553
- (488) Denmark  
see under the following numbers: 323.1; 330.1, 64
- (491.1) Iceland  
see under the following number 382
- (492) Netherlands  
see under the following number:
- (493) Belgium  
see under the following numbers: 323, 329.1
- (495) Greece  
see under the following numbers: 32; 323; 324, 326; 342; 931
- (496) European communist countries as a group  
see under the following numbers: 07; 300.1; 327; 329.00; 330.2; 330; 336.4, 378; 653; 658.5, 661.1; 930
- (497) Balkan States  
see under the following number: 64
- (497.1) Yugoslavia  
see under the following numbers: 630; 655; 664.7, 7.04



- (497.2) Bulgaria  
see under the following numbers: 02, 28, 320.00, 330; 347.9; 37, 374, 616.089, 62, 621.87, 621.9, 622.3, 78, 830.26, 94
- (498) Rumania  
see under the following numbers 24, 26, 327, 329.00, 39, 621.74; 94
- (5) Asia  
see under the following numbers: 551.2, 911; 94
- (51) China  
see under the following numbers: 29, 323.15, 94
- (519.17) North Korea  
see under the following number 78
- (519.3) Mongolian People's Republic  
see under the following numbers, 551.7, 572, 616.9; 94
- (52) Japan  
see under the following numbers 07; 331; 385; 615, 621.79; 626.7; 628.2; 661.1; 664.7, 691.2; 94
- (539) Arab countries as a bloc  
see under the following number: 327
- (540) India  
see under the following numbers: 338.08, 582.2; 94
- (549) Pakistan  
see under the following numbers: 382; 617.3
- (569) Near East  
see under the following numbers: 323.2; 320; 333; 34; 347.6, 397; 720; 910; 931
- (560) Turkey  
see under the following numbers: 63; 631.3, 930
- (567) Iraq  
see under the following number: 323.1
- (569.1) Syria  
see under the following numbers: 550.4; 631.4
- (569.3) Lebanon  
see under the following number: 362.1
- (569.4) Israel  
see under the following numbers: 327, 720; 910
- (569.5) Jordan  
see under the following numbers: 720; 910
- (57) Asiatic U. S. S. R.  
see under the following numbers: 338.9; 330; 553; 572; 581.2; 622.2; 610.9; 62; 687; 712.4
- (571) Asiatic R. S. F. S. R.  
see under the following numbers: 07; 329.02; 331.2; 331.8; 331.88; 338, 338.1; 538.12; 549, 550.8; 551; 551.49; 551.5, 551.7; 552; 553, 553.9, 58; 571; 621.8; 622.2; 622.7, 631.0; 662.7; 711.4; 930; 947
- (571.11) Kurgan Province  
see under the following number: 664.7
- (571.12) Tyumen Province  
see under the following numbers: 061; 551.7; 553.9; 621.6; 622.2; 622.3; 625.7; 631.0; 658.6; 691
- (571.121) Yamal-Nenets National District  
see under the following number 553.9
- (571.13) Omsk Province  
see under the following numbers 331.2, 338.1, 664.7, 947
- (571.14) Novosibirsk Province  
see under the following numbers 621.311, 621.317; 662.7, 90
- (571.15) Altai Territory  
see under the following numbers: 308.4; 552; 553, 571, 631.2; 631.3; 651, 675, 73, 947.084
- (571.151) Gorno-Altai Autonomous Province  
see under the following number: 552
- (571.16) Tomsk Province  
see under the following numbers 329.02; 378; 613.2
- (571.17) Kemerovo Province  
see under the following numbers 338.5, 551.7; 552, 553; 622.2, 622.3, 669.1
- (571.51) Krasnoyarsk Territory  
see under the following numbers 329.01, 338.1, 308.48; 552; 553, 621.6, 624.1; 631.4; 631.8; 657; 662.6, 662.7; 668, 669; 670; 681.1
- (571.511) Taymyr National District  
see under the following numbers: 549, 550.4; 550.8; 551.46, 551.7; 552, 553; 622.5
- (571.512) Evenki National District  
see under the following numbers: 551.43; 551.7; 553; 581.5
- (571.513) Khakas Autonomous Province  
see under the following numbers: 398; 553
- (571.53) Irkutsk Province  
see under the following numbers: 368.48; 374.4; 550.3, 551; 551.7; 553, 662.7, 666.7
- (571.54) Buryat A. S. S. R.  
see under the following numbers: 37; 371.8; 550.8; 551.3; 552; 581.5
- (571.55) Chita Province  
see under the following numbers: 370.17; 378, 549; 551.49, 551.7, 552; 553
- (571.59) Yakut A. S. S. R.  
see under the following numbers: 30.1; 528; 649; 550.8; 551.3; 551.7; 552; 553; 58; 612.1; 625.8; 633
- (571.6) Soviet Far East  
see under the following numbers: 28, 330.10; 549; 551.2; 593; 616.7, 67/68; 910; 912; 947
- (571.61) Amur Province  
see under the following numbers: 550.3; 582.4
- (571.62) Khabarovsk Territory  
see under the following numbers. 329.04; 370.17; 551.7
- (571.63) Maritime Territory  
see under the following numbers: 582.2; 598.2; 599; 616.9; 627.3
- (571.64) Sakhalin Province  
see under the following numbers: 39; 553
- (571.65) Magadan Province  
see under the following numbers: 338; 551.2
- (571.651) Chukchi National District  
see under the following numbers 338.1; 551.4, 551.43, 552; 947
- (571.66) Kamchatka Province  
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# Monthly Index *of* Russian Accessions



Volume 22, No. 3

March 1969

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THE LIBRARY OF CONGRESS  
WASHINGTON : 1969

## INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS\* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of four parts. Part A lists monographic literature, but no accessions published earlier than 1960 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1960. Tables of contents in English translation are provided for most periodicals listed.

Part C provides subject analysis of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B.

Sample title: Some data on lung-to-heart reflexes in amphibians. A. E. Alekseev. *Biul. eksp. biol. i med.* 54 no. 12: 18-22 D '62.

Explanation: An article with title given above in English translation, written by A. E. Alekseev, will be found in the December 1962 issue of *Biulleten' eksperimental'noi biologii i meditsiny*, vol. 54, no. 12, pages 18-22.

Beginning Volume 21 No. 1 (April 1968) the subject headings previously used in Part C are replaced by classes based on the Universal Decimal Classification. Beginning Volume 22 No. 2 (February 1969) the Universal Decimal Classification classes also replace the subject classes formerly used in Part A. A guide to the classes used and an alphabetical index to the names of these classes is to be found before Part A of each *Monthly Index* issue.

Part D lists monographic works recently cataloged by the Library of Congress in English or in the major Western European languages (French, German, Italian, Spanish) on Russia or the Soviet Union, or by Russian or Soviet authors. Each listed monograph is followed by the Library of Congress call number and by the printed L. C. card number.

In Parts B and D the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington, D. C. 20540

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\* Volumes 1-10 (No. 9), 1948-1957, issued under title *Monthly List of Russian Accessions*.



# MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—REFERENCE DEPARTMENT

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- (211) Cold, frigid regions  
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- (234) Mountains of Europe  
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- (261.2) North Sea, English Channel  
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- (262.8) Caspian Sea  
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- (282.2) Rivers  
 see under the following number: 551, 46
- (4/6.101) Capitalist countries of the world  
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- (4) Europe  
 see under the following number 94
- (41) United Kingdom and Northern Ireland  
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- (430) Germany  
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- (431) German Democratic Republic  
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- (433) Federal Republic of Germany  
 see under the following numbers 32, 323, 339, 6
- (437) Czechoslovakia  
 see under the following number: 634, 8
- (439) Hungary  
 see under the following numbers: 634, 8, 656, 835
- (44) France  
 see under the following numbers: 338; 53
- (46) Italy  
 see under the following numbers 323, 2, 94
- (470) European U. S. S. R.  
 see under the following numbers 561, 7, 561; 561, 9,
- (471) Russian Soviet Federated Socialist Republic (R. S. F. S. R.)  
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- (471.1) Northern R. S. F. S. R.  
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- (471.11) Archangel Province  
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- (471.13) Komi A. S. S. R.  
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- (471.21) Murmansk Province  
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- (471.22) Karelian A. S. S. R.  
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- (471.23) Leningrad Province  
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- (471.232) Leningrad City  
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- (471.24) Novgorod Province  
 see under the following number: 711, 4
- (471.25) Pskov Province  
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- (471.311) Moscow Province  
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- (471.5) Ural region  
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- (471.53) Perm Province  
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- (471.031) Kalmyk A. S. S. R.  
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- (474.2) Estonian S. S. R.  
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- (477) Ukrainian S. S. R.  
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- (477.9) Crimea  
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## **ORGANIZATSIYA I UPRAVLENIE NEFTEDOBVYAU-SHCHIE PROMYSHLENNOSTI [ORGANIZATION AND MANAGEMENT OF PETROLEUM PRODUCTION].** Issued by Vsesoyuznyi nauchno-issledovatel'skiy institut organizatsii, upravleniya i ekonomiki neftegazovoy promyshlennosti [All-Union Scientific Research Institute of the Organization, Management, and Economics of the Petroleum and Natural Gas Industry]. Moscow, nos.4/5, 1968.

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## 8. EDUCATION

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## c THEATER

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## c. FORESTRY

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## d. PLANT CULTURE

AKADEMIA NAUK KAZAKHSSKOI SSR, Alma-Ata. Botanicheskii sad, Spisok semian, predlaganiy k obmenu [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Botanical Garden, List of Seeds Offered in Exchange]. Alma-Ata, no. 31, 1967, no. 32, 1968, (DVAL)

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VINODELIE I VINOGRADARSTVO SSSR [WINE MAKING AND VITICULTURE IN THE U.S.S.R.]. Organ of Ministerstvo pishchevoi promyshlennosti SSSR and Tsentralfund nauchno nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [Ministry of the Food Industry of the U.S.S.R. and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 28, no. 7(262), 1968.

## 16. TECHNOLOGY

### a. GENERAL

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**GEODEZIYA I KARTOGRAFIYA [GEODESY AND CARTOGRAPHY].** Organ of Glavnoe upravlenie geodezii i kartografii Gosudarstvennogo geologicheskogo komiteta SSSR [Main Administration of Geodesy and Cartography of the State Geological Committee of the U. S. S. R.]. Moscow, no. 4, Apr. 1965.

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# STROITEL' [THE BUILDER] Organ of Gosudarstvennyi komitet po delam stroitel'stva SSSR i Tsentral'nyi komitet Profsoyuza rabochikh stroitel'stva i promyshlennosti stroitel'nykh materialov [State Committee for Construction of the U.S.S.R. and the Central Committee of the Trade Union of Construction and Building Materials Workers], Moscow, vol. 13, nos. 10-11 (197-158), Oct.-Nov. 1968

# STROITEL'STVO TRUBOPROVODOV [PIPELINE CONSTRUCTION] Issued by Gosudarstvennyi protivodstvennyi komitet po gazovoi promyshlennosti SSSR [State Production Committee for the Gas Industry of the U.S.S.R.], Moscow, vol. 11, no. 7, July 1968.

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## 17. MILITARY & NAVAL SCIENCES

### A MILITARY SCIENCE

- BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 27, nos. 21-22, Nov. 1968.
- KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 49, no. 10, May 1968.
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- Editorial: The party's high principles. p. 3.
- Vital objectives of military commissariats. p. 6.
- Obtomskaya, I. - Some results and problems of the economic reform. p. 15.
- Byelkov, T. - Party education should be the party's concern. p. 23.
- Doglanov, B. - Contemporary social reformism and the Communist Party's struggle for unity of the working class. p. 20.
- Khalitov, F. - Members of the Komsomol on roll call. p. 38.
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- Reznik, A. - Military life and communist training of personnel. p. 47.
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- Vikorenko, V. - In the performance of communist duty. p. 60.
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- Krut'kov, F. - A satirical wall newspaper. p. 86.
- A word to servicemen. p. 92.
- In military districts and fleets. p. 93.

NASHI VESTI [OUR NEWS]. Published by Sotuz chinov Russkogo korpusa [The Association of Members of the Russian Corps]. New York, vol. 26, no. 271, Jan. 1969.

STARSHINA-SERZHANT [NONCOMMISSIONED OFFICERS]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, no. 11(98), Nov. 1968.

VOENNYI VESTNIK [MILITARY REVIEW]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 48, no. 12, Dec. 1968.

### b. NAVAL SCIENCE

LENINGRAD, TSENTRAL'NYI NAUCHNO-ISSLEDOVATELSKII INSTITUT MORSKOGO FLOTA. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE. Transactions]. Vol. 14, no. 93, 1968. Future sailing ship types. Table of contents translated.

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## PART C

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**Ann. k rab.**  
**Azher NIRO** (15b)  
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**gist i**  
**embr.** (13c)  
**Arkhil. SSSR** (10b)  
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**Avtom. svar.** (10f)  
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**BIKI [Prilozh.]** (5a)  
**Bezop. truda v prom.** (16a)  
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**Biul. eksp. biol. i med.** (14a)  
**Biul. Glav. bot. sada** (13c)  
**Biul. Inst. teor. astron.** (13b)  
**Biul. mezhdunar. nauch. s'ezd., konf. i kongr.** (1a)  
**Biul. sta. opt. nabl. isk. apul. Zem.** (15b)  
**Biul. Verkh. Suda** (6)  
**Biul. Verkh. Suda RSFSR** (6)  
**Bot. zhur.** (13c)  
**Den. i kred.** (5c)  
**Dokl. AN Azerb. SSR** (13a)  
**Dokl. AN BSSR** (13a)  
**Dokl. AN SSSR** (13a)  
**Dokl. AN Tadzh. SSR** (1a)  
**Dokl. Kom. aeros'm. i fotogram.** (12b)  
**Dokl. po etn. Otđ. ein. Geog. ob-va SSSR** (12a)  
**Dop. AN URSS. Ser. A** (13a)  
**Dop. AN URSS. Ser. B** (13a)  
**Agroklimila** [Agrochemistry]  
**Akusherstvo i ginekologiya** [Obstetrics and Gynecology]  
**Kerch. Azovo-chernomorskii nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografi.** - **Annals i k. rabotam** [Azov-Black Sea Research Institute for Sea Fish Industry and Oceanography. Announcements to its works]  
**Arkhiv anatomi, gistologii i embriologii** [Archives of Anatomy, Histology, and Embryology]  
**Arkhitektura SSSR** [Architecture of the U.S.S.R.]  
**Astronfizika** [Astrophysics]  
**Atomnaya tekhnika za rubezhom** [Nuclear Engineering Abroad]  
**Avtomatika i telemekhanika** [Automatic and Remote Control]  
**Akademii nauk URSS. Kiev. Institut elektrozvarivaniya. Avtomaticheskaya svarka** [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding. Automatic Welding]  
**Azerbaidzhaniskii khimicheskii zhurnal** [Azerbaijan Chemical Journal]  
**Azerbaidzhaniskii meditsinskii zhurnal** [Azerbaijan Medical Journal]  
**Bulleten' inostrannoi kommercheskoi informatsii; prilozhenie** [Bulletin of Foreign Commercial Information; Supplement]  
**Bezopasnost' truda v promyshlennosti** [Industrial Safety]  
**Bibliotekar'** [The Librarian]  
**Bulleten' eksperimental'noi biologii i meditsiny** [Bulletin of Experimental Biology and Medicine]  
**Moscow. Glavnyi botanicheskii sad, Biulleten'** [Main Botanical Garden, Bulletin]  
**Akademii nauk SSSR. Institut teoreticheskoi astronomii. Biulleten'** [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy, Bulletin]  
**Biulleten' mezhdunarodnykh nauchnykh s'ezdov, konferentsii i kongressov** [Bulletin of International Scientific Meetings, Conferences, and Congresses]  
**Akademii nauk SSSR. Astronomicheskii soviet, Biulleten' atlantel' opticheskogo nabludeniya iskusstvennykh sputnikov Zemli** [Academy of Sciences of the U.S.S.R. Astronomical Council, Bulletin of the Stations for Optical Observation of Artificial Earth Satellites]  
**Russkii (1923- U.S.S.R.) Verkhovnyi Sud. Biulleten'** [Supreme Court, Bulletin]  
**Russkii (1917- R.S.F.S.R.) Verkhovnyi Sud. Biulleten'** [Supreme Court, Bulletin]  
**Botanicheskii zhurnal** [Botanical Journal]  
**Den'gi i kredit** [Money and Credit]  
**Akademii nauk Azerbaidzhaniskoi SSR, Baku. Doklady** [Academy of Sciences of the Azerbaijan S.S.R. Reports]  
**Akademii nauk BSSR, Minsk. Doklady** [Academy of Sciences of the White Russian S.S.R. Reports]  
**Akademii nauk SSSR. Doklady** [Academy of Sciences of the U.S.S.R. Reports]  
**Akademii nauk Tadzhikiskoi SSR, Dushanbe. Doklady** [Academy of Sciences of the Tajik S.S.R. Reports]  
**Geograficheskoe obshchestvo SSSR. Komissiya aeros'm. i fotogrammetrii. Doklady** [Geographical Society of the U.S.S.R. Commission on Aerial Photography and Photogrammetry, Reports]  
**Geograficheskoe obshchestvo SSSR. Oddeleniye etnografi.** [Geographical Society of the U.S.S.R. Department of Ethnography, Reports]  
**Akademii nauk URSS. Kiev. Dopovid. Seria A: Fiziko-tekhnichni ta matematichni nauky** [Academy of Sciences of the Ukrainian S.S.R. Reports. Series A: Physical, Technological, and Mathematical Sciences]  
**Akademii nauk URSS. Kiev. Dopovid. Seria B: Geologiya, geofizika, khimiya ta biologiya** [Academy of Sciences of the Ukrainian S.S.R. Reports. Series B: Geology, Geophysics, Chemistry, and Biology]  
**Ekonomika i matematicheskie metody** [Economics and Mathematical Methods]  
**Ekonomika i zhizn'** (5b)  
**Ekonom. Rad. Ukr.** (5b)  
**Ekonom. stroit.** (5b)  
**Elek. i topl. tiaga** (16g)  
**Elek. sta.** (16e)  
**Energ. stroit.** (16e)  
**Energ. stroit. za rub.** (16e)  
**Energoliki** (16e)  
**Energokhoz. za rub.** (16a)  
**Energomashino-stroenie** (16g)  
**Ent. oboz.** (13c)  
**Fin. SSSR** (5c)  
**Fiz. i khim. obr. nat.** (16c)  
**Fiz. i tekhn. poluprovodnikov** [Technical Physics of Semiconductors]  
**Fiz. met. i metallov.** (10h)  
**Fiz. -tekhn. probl. razrab. pol. iskop.** (16h)  
**Fiz. i ver. tela** (13f)  
**Fiziol. zhur.** [Ukr.] (13c)  
**Genotika** (13c)  
**Geod. i kart.** (16a)  
**Geol. i geofiz.** (12c)  
**Geol. nefli i gaza** (16h)  
**Geol. pob. i dna Chk. i Azov. mor. v pred. USSR** (12c)  
**Gidr. stroit.**  
**Gidrokhim. mat.** (13d)  
**Gig. i san.** (14g)  
**Glats. issl. v Kazakh.** (12c)  
**Gor. khoz. Mosk.** (16d)  
**Grud. khir.** (14h)  
**IA. fiz.** (13f)  
**Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len.** Ser. 1 (2a)  
**Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len.** Ser. 3 (2a)  
**Ekonomika i matematicheskie metody** [Economics and Mathematical Methods]  
**Ekonomika i zhizn'** [Economics and Life]  
**Ekonomika Radians'koi Ukrainy** [Economics of the Soviet Ukraine]  
**Ekonomika stroitel'stva** [Economics of Construction]  
**Elektricheskaya i teplovaznaya tiaga** [Electric and Diesel Locomotive Traction]  
**Elektricheskoe stanitsi** [Electric Power Stations]  
**Energicheskoe stroitel'stvo** [Power Construction]  
**Energicheskoe stroitel'stvo za rubezhom; prilozhenie k sborniku "Energicheskoe stroitel'stvo"** [Power Construction in Foreign Countries; Supplement to the Periodical "Power Construction"]  
**Energoliki** [Electric Power Technician]  
**Energokhoziaistvo za rubezhom; prilozhenie k zhurnalu "Elektricheskoe stanitsi"** [Electric Power Production and Utilization in Foreign Countries; Supplement to the Periodical "Electric Power Stations"]  
**Energomashino-stroenie** [Power Machinery Construction]  
**Entomologicheskoe obozrenie** [Entomological Review]  
**Finansy SSSR** [Finance of the U.S.S.R.]  
**Fizika i khimika obrabotki materialov** [Physics and Chemistry of Materials Processing]  
**Fizika i tekhnika poluprovodnikov** [Technical Physics of Semiconductors]  
**Fizika metallov i metallovedenie** [The Physics of Metals and Metallurgy]  
**Fiziko-tekhnicheskie problemy razrabotki poleznykh iskopayemykh** [Physical and Technological Problems of the Mining of Minerals]  
**Fizika tverdogo tela** [Solid State Physics]  
**Fiziologichnyi zhurnal** [Physiological Journal]  
**Genetika** [Genetics]  
**Geodeziya i kartografiya** [Geodesy and Cartography]  
**Geologiya i geofizika** [Geology and Geophysics]  
**Geologiya nefli i gaza** [The Geology of Petroleum and Gas]  
**Geologiya poborozh'ia i dna Chernogo i Azovskogo morei v predelakh USSR** [Geology of the Coast and Bottom of the Black and Azov Seas Within the Territory of the Ukrainian S.S.R.]  
**Gidrotekhnicheskoe stroitel'stvo** [Hydrotechnical Construction]  
**Gidrokhimicheskie materialy** [Materials on Hydrochemistry]  
**Gigiena i sanitariya** [Hygiene and Sanitation]  
**Glatsiologicheskie issledovaniya v Kazakhstane** [Glacial Research in Kazakhstan]  
**Gorodskoe khoziaistvo Moskvy** [Municipal Economy of Moscow]  
**Grudnaya khirurgiya** [Thoracic Surgery]  
**Iadernaya fizika** [Journal of Nuclear Physics]  
**Moscow. Publichnaya biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seria 1: Fiziko-matematicheskie i khimicheskie nauki; nauki o zemli; tekhnika i tekhnicheskie nauki** [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1: Physical, Mathematical, and Chemical Sciences; Earth Sciences, Technology and Technological Sciences]  
**Moscow. Publichnaya biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seria 3: Obshchestvennyye nauki, khuzhествennaya literatura, iskusstvo** [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 3 Social Sciences, Belles-Lettres, Art]

- Inform. biul. Sov. antark. eksp.** (1a)  
**Inform. biul. VDNKII** (10a)  
**Inform. ukaz. bibli. sps i kart.** (2a)  
**Inform. ukaz. stand.** (10a)  
**Issl. prim. tsift. i anal. vych. mash. v iad. fiz. i tekhn.** (16e)  
**Ist. dybcr. ta ikh vykh.** (4a)  
**Ist. -filol. zhur.** (4a)  
**Izobr. prom. obiaz., tov. znak.** (16a)  
**Izv. AN Arm. SSR. Khim. nauki** (13d)  
**Izv. AN Azerb. SSR Ser. ist., filos. i prava** (1a)  
**Izv. AN Azerb. SSR. Ser. lit. iaz. i isk.** (1a)  
**Izv. AN Kazakh. SSR. Ser. khim.** (13d)  
**Izv. AN SSSR. Fiz. zem.** (13f)  
**Izv. AN SSSR. Mekh. zhid. i gaza** (13f)  
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**Izv. AN SSSR. Ser. fiz.** (13i)  
**Izv. AN SSSR. Ser. khim.** (13d)  
**Izv. AN Turk. SSR. Ser. biol. nauk** (13a)  
**Izv. AN Turk. SSR. Ser. fiz. -tekh., khim. i gool. nauk** (13a)  
**Izv. SO AN SSSR. Ser. khim. nauk** (13d)  
**Izv. TINRO** (15b)  
**Sovetskaya antarkiticheskaya ekspeditsiya, 1955-1958. Informatsionnyi biulleten'** [Soviet Antarctic Expedition, 1955-1958. Information Bulletin]  
**Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. Informatsionnyi biulleten'** [Exhibition of Achievements of the National Economy of the U.S.S.R. Information Bulletin]  
**Informatsionnyi ukazatel' bibliograficheskikh spisokov i kartotek, sostavlenykh bibliotekami Sovetskogo Soюза** [Information Index of Bibliographical Lists and Card Files. Compiled by the Libraries of the Soviet Union]  
**Informatsionnyi ukazatel' standartov** [Information Index of Standards]  
**Issledovaniye primeneniya tsifrovyykh i analogovykh vychislitel'nykh mashin v yadernoi fizike i tekhnike** [Studies of the Use of Digital and Analog Computers in Nuclear Physics and Technology]  
**Istoriya i ispol'zovanie istochnikov informatsii** [History and their use]  
**Akademii nauk Armianskoi SSR, Erivan. Istoriiko-filologicheskii zhurnal** [Academy of Sciences of the Armenian S.S.R. Historical and Philological Review]  
**Izobreneniya, promyshlennyye obiazatki, i novyye znaki** [Inventions, Industrial Samples, Trademarks]  
**Akademii nauk Armianskoi SSR, Erivan. Izvestiya. Khimicheskie nauki** [Academy of Sciences of the Armenian S.S.R. Bulletin. Chemical Sciences]  
**Akademii nauk Azerbaidzhanskoi SSR, Baku. Izvestiya. Seriya istorii, filosofii i prava** [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in History, Philosophy, and Law]  
**Akademii nauk Azerbaidzhanskoi SSR, Baku. Izvestiya. Seriya literatury, iazyka i iskusstva** [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in Literature, Language, and Art]  
**Akademii nauk Kazakhskoi SSR, Alma-Ata. Izvestiya. Seriya khimicheskaya** [Academy of Sciences of the Kazakh S.S.R. Bulletin. Chemical Series]  
**Akademii nauk SSSR. Izvestiya. Fizika zemli** [Academy of Sciences of the U.S.S.R. Bulletin. Physics of the Earth]  
**Akademii nauk SSSR. Izvestiya. Mekhanika zhidkosti i gaza** [Academy of Sciences of the U.S.S.R. Bulletin. Mechanics of Liquids and Gas]  
**Akademii nauk SSSR. Izvestiya. Seriya biologicheskaya** [Academy of Sciences of the U.S.S.R. Bulletin. Biological Series]  
**Akademii nauk SSSR. Izvestiya. Seriya fizicheskaya** [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]  
**Akademii nauk SSSR. Izvestiya. Seriya khimicheskaya** [Academy of Sciences of the U.S.S.R. Bulletin. Chemical Series]  
**Akademii nauk Turkmenskoi SSR, Ashkhabad. Izvestiya. Seriya biologicheskikh nauk** [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Biological Sciences]  
**Akademii nauk Turkmenskoi SSR, Ashkhabad. Izvestiya. Seriya fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk** [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Physical and Technological, Chemical, and Geological Sciences]  
**Akademii nauk SSSR. Sibirskoe otdeleniye. Izvestiya. Seriya khimicheskikh nauk** [Academy of Sciences of the U.S.S.R. Siberian Department. Bulletin. Series in the Chemical Sciences]  
**Vladivostok. Tikhookeanskii nauchno-issledovatel'skii institut rybnogo khoziaistva i okeanografiya. Izvestiya** [Research Institute of Fisheries and Oceanography. Bulletin]  
**Ministerstvo vysshego i srednego speciat'nogo obrazovaniya. Izvestiya vysshih uchebnykh zavedenii, priborostroeniya** [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Instrument Manufacture]  
**Ministerstvo vysshego i srednego speciat'nogo obrazovaniya. Izvestiya vysshih uchebnykh zavedenii, stroitel'stvo i arkhitektura** [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Engineering]  
**Geograficheskoe obshchestvo SSSR, Zabaikalskii filial. Izvestiya** [Geographical Society of the U.S.S.R. Transbaikalian Branch. Bulletin]  
**Kardiologiya** [Cardiology]  
**Mirovoi tsentr dannykh BI. Katalog dannykh po dolgote i shirotam** [World Data Center BI. Catalog of Data on Longitude and Latitude]  
**Mirovoi tsentr dannykh BI. Katalog dannykh po meteorologii i yadernoi radiatsii** [World Data Center BI. Catalog of Meteorology and Nuclear Radiation Data]  
**Mirovoi tsentr dannykh BI. Katalog dannykh po okeanografii** [World Data Center BI. Catalog of Oceanographic Data]  
**Mirovoi tsentr dannykh BI. Katalog dannykh po raketam i sputnikam** [World Data Center BI. Catalog of Data on Rockets and Satellites]  
**Khimiko-farmatsevticheskii zhurnal** [Chemical and Pharmaceutical Journal]  
**Khimicheskaya promyshlennost'** [Chemical Industries]  
**Khimiya v sel'skom khoziaistve** [Chemistry in Agriculture]  
**Khimiya vysokikh energii** [High-Energy Chemistry]  
**Khirurgiya** [Surgery]  
**Klinicheskaya khirurgiya** [Clinical Surgery]  
**Knizhnaia letopis'** [Book Chronicle]  
**Kolloidnyi zhurnal** [Colloid Journal]  
**Kommunist Voozruzh Sil** [Communist of the Armed Forces]  
**Korroziya i zasheh. v nefteob. prom.** [Corrosion and Protection Against it in the Petroleum Production Industry]  
**Kristallografiya** [Crystallography]  
**Lesnoe khoziaistvo** [Forestry]  
**Letapis druku BSSR. Letopis' perhati BSSR** [Chronicle of the Publications of the White Russian S.S.R.]  
**Letopis' zhurnal'nykh statei** [Chronicle of Periodical Articles]  
**Litopys gazetykh slalo** [Chronicle of Newspaper Articles]  
**Literatura po pedagogicheskim naukam i narodnomu obrazovaniiu** [Literature on the Pedagogical Sciences and Public Education]  
**Litopys proizvodstvo** [Foundry Practice]  
**Litopys retsenzii** [Chronicle of Reviews]  
**Litopys zhurnal'nykh statei** [Chronicle of Periodical Articles]  
**Magnitnaia gidrodinamika** [Magnetohydrodynamics]  
**Magnitno lovushki** [Magnetic Entrapment Separators]  
**Mashiny i nefteob. oborudovanie** [Machinery and Petroleum Equipment]  
**Mashinostroitel'** [Machine Builder]  
**Materialy k poznaniyu fauny i flory SSSR. Otdel zoologii i flory SSSR.** [Contributions to the Knowledge of the Fauna and Flora of the U.S.S.R. Zoological Section]  
**Materialy rybkhoziaistvennykh issledovaniy Sovetskogo basseinna** [Materials of Fisheries Research in the Northern Basin]  
**Meditsinskii referativnyi zhurnal** [Medical Abstracts]  
**Mekhanizatsiya stroitel'stva** [Mechanization of Construction]  
**Metallurgicheskaya i gornorudnaya promyshlennost'** [Metallurgical, Mining, and Ore Dressing Industries]  
**Metallurgiya i koksokhimiya** [Metallurgy and the Chemistry of Coking]

Metallurg (16h)	Metallurg [Metallurgist]	Prom. Bel. (16a)	Promyshlennost' Belorussii [Industry of White Russia]
Meteor. i gidrol. (13f)	Meteorologiya i gidrologiya [Meteorology and Hydrology]	Put' i putev. khoz. (18d)	Put' i putevye khozstaitstvo [Railroad Tracks and Roadway Maintenance]
Mezhdunar. zhizn' (8)	Mezhdunarodnaya zhizn' [International Life]	Rad. lit. (11b)	Radlans'ka literatura i zhurnal [Soviet Literary Review]
Mikrobiologiya (13c)	Mikrobiologiya [Microbiology]	Rad. shk. (8a)	Radlans'ka shkola [Soviet School]
Mod. v biol. i med. (13c)	Modelirovaniye v biologii i meditsine [Modeling in Biology and Medicine]	Ref. zhur.: Av. i raket. dvig. (18b)	Referativnyi zhurnal: Aviatsonnyye i raketye dvigateli (Otdel'nyi vypusk 34) [Journal of Abstracts: Aircraft and Rocket Engines (Separate Issue 34)]
Mol. biol. (13c)	Molekulyarnaya biologiya [Molecular Biology]	Ref. zhur.: Avt. dor. (18d)	Referativnyi zhurnal: Avtomobil'nye dorogi [Journal of Abstracts: Highways]
Mol. komm. (8)	Molodoi kommunist [The Young Communist]	Ref. sbor. Ekon. prom. (5b)	Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry]
Mont. i spets. rab. v stroit. (18d)	Montazhnye i spetsial'nye raboty v stroitel'stve [Assembly and Specialized Operations in Construction]	Ref. zhur.: Elek. i ee prim. (16c)	Referativnyi zhurnal: Elektronika i ee primeneniye [Journal of Abstracts: Electronics and its application]
Mystetstvo (10a)	Mystetstvo [Art]	Ref. zhur.: Farm. Khimioterap. sred. Toks. (14f)	Referativnyi zhurnal: Farmakologiya. Khimioterapevticheskie sredstva. Toksikologiya (Otdel'nyi vypusk 54) [Journal of Abstracts: Pharmacology. Chemotherapeutics. Toxicology (Separate Issue 54)]
Nar. Az. i Afr. (4a)	Narody Azii i Afriki, istoriya, ekonomika, kul'tura [Peoples of Asia and Africa; History, Economics, Culture]	Ref. zhur.: Fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]
Nar. obr. (8a)	Narodnoe obrazovaniye [Public Education]	Ref. zhur.: Geod. (13b)	Referativnyi zhurnal: Geodeziya (Otdel'nyi vypusk 52) [Journal of Abstracts: Geodesy (Separate Issue 52)]
Nar. tvorch. ta etn. (12a)	Narodnaya tvorchest' ta etnografiya [Folk Art and Ethnography]	Ref. zhur.: Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]
Nauch. dokl. vys. shkoly; ekon. nauki (5b)	Russiya (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Nauchnye doklady vysshei shkoly; ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Economics]	Ref. zhur.: Geog. (12b)	Referativnyi zhurnal: Geografiya [Journal of Abstracts: Geography]
Nauch. rab. Inst. okhr. trud. VTSSPS (5d)	Nauchnye raboty institutov okhrany truda VTSSPS [Research Papers of the Institutes for the Protection of Labor of the All-Union Central Council of Trade Unions]	Ref. zhur.: Geol. (12c)	Referativnyi zhurnal: Geologiya [Journal of Abstracts: Geology]
Nauch. trudy GIREMET (16h)	Moscow. Gosudarstvennyi nauchno-issledovatel'skii i proyektnyi institut redkometallicheskoj promyshlennosti. Nauchnye trudy [State Research and Planning Institute for the Rare Metals Industry. Studies]	Ref. zhur.: Gorn. mash. (16h)	Referativnyi zhurnal: Gornye mashiny (Otdel'nyi vypusk 43) [Journal of Abstracts: Mining Machinery (Separate Issue 43)]
Nauch. trudy TashGU (1a)	Tashkent. Universitet. Nauchnye trudy [University. Studies]	Ref. zhur.: IAd. reak. (10e)	Referativnyi zhurnal: IAdernyye reaktory (Otdel'nyi vypusk 50) [Journal of Abstracts: Nuclear Reactors (Separate Issue 50)]
Neftogaz. geol. i geofiz. (18h)	Neftegazovaya geologiya i geofizika [Petroleum and Gas Geology and Geophysics]	Ref. zhur.: Khim. i khol. mash. i obr. (16c)	Referativnyi zhurnal: Khimicheskoe i kholodil'noe mashinostroyeniye (Otdel'nyi vypusk 47) [Journal of Abstracts: Chemical and Refrigeration Machinery Manufacture (Separate Issue 47)]
Neftprom. delo (16h)	Neftpromyslovoye delo [Petroleum Production]	Ref. zhur.: Kommun., byt. i torg. obr. (16g)	Referativnyi zhurnal: Kommunal'noe, bytovoye i torgovoye oborudovaniye (Otdel'nyi vypusk 33) [Journal of Abstracts: Communal, Household, and Commercial Equipment (Separate Issue 33)]
Neftnik (16h)	Neftnik [The Petroleum Worker]	Ref. zhur.: Mat. (13e)	Referativnyi zhurnal: Matematika [Journal of Abstracts: Mathematics]
Nov. i noveish. ist. (4a)	Novaya i noveishaya istoriya [Modern and Recent History]	Ref. zhur.: Mekh. (13f)	Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]
Nov. inostr. knigi; kat. nov. postup. (2b)	Akademii nauk SSSR. Biblioteka. Novyye inostrannyye knigi; katalog novykh postupleniy [Academy of Sciences of the U.S.S.R. Library. New Foreign Books; Catalog of New Acquisitions]	Ref. zhur.: Metr. i izm. tekhn. (16a)	Referativnyi zhurnal: Metrologiya i izmeritel'naya tekhnika (Otdel'nyi vypusk 32) [Journal of Abstracts: Mensuration and Measurement Techniques (Separate Issue 32)]
Nov. knigi SSSR (2a)	Novyye knigi SSSR [New Books of the U.S.S.R.]	Ref. zhur.: Nasosy i kompressorostroy. (18g)	Referativnyi zhurnal: Nasosostroyeniye i kompressorostroyeniye (Otdel'nyi vypusk 61) [Journal of Abstracts: Manufacture of Pumps and Compressors (Separate Issue 61)]
Nov. knigi za rub. Ser. A (13a)	Novyye knigi za rubezhom. Seriya A: Matematika, mekhanika, astronomiya, geofizika, fizika, khimiya, geologiya, fizicheskaya geografiya [New Foreign books: Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology, Physical Geography]	Ref. zhur.: Nauch. i tekhn. inform. (16a)	Referativnyi zhurnal: Nauchnaya i tekhnicheskaya informatsiya (Otdel'nyi vypusk 59) [Journal of Abstracts: Scientific and Technical Information (Separate Issue 59)]
Nov. knizh. URSS (2a)	Novyye knizhki URSS [New Books of the Ukrainian S.S.R.]	Ref. zhur.: Ob. vop. pat. Onk. (14e)	Referativnyi zhurnal: Obshcheye voprosy patologii. Onkologiya (Otdel'nyi vypusk 53) [Journal of Abstracts: General Problems of Pathology. Oncology (Separate Issue 53)]
Nov. med. prib. (14a)	Novosbi meditsinskogo priborostroyeniya [New Medical Equipment]	Ref. zhur.: Obor. pishch. prom. (16g)	Referativnyi zhurnal: Oborudovaniye pishchevyy promyshlennosti (Otdel'nyi vypusk 38) [Journal of Abstracts: Equipment of the Food Industry (Separate Issue 38)]
Nov. mir (11b)	Novyyi mir [The New World]	Ref. zhur.: Prom. transp. (16g)	Referativnyi zhurnal: Promyshlennyy transport [Journal of Abstracts: Industrial Transportation]
Nov. tov. (5a)	Novyye tovary; informatsionnyi biulleten' [New Consumer Goods; Information Bulletin]	Ref. zhur.: Radiotekh. (16a)	Referativnyi zhurnal: Radiotekhnika [Journal of Abstracts: Radio Engineering]
Nov. vrem. (6)	Novoye vremya [New Times]	Ref. zhur.: Raketostr. (16h)	Referativnyi zhurnal: Raketoostroyeniye (Otdel'nyi vypusk 41) [Journal of Abstracts: Rocket Building (Separate Issue 41)]
Obshch. vop. - evol. paleo-biol. (12c)	Obshcheye voprosy evolyutsionnoi paleobiologii [General Problems in Evolutionary Paleobiology]	Ref. zhur.: Rast. (16d)	Referativnyi zhurnal: Rastenievodstvo (Otdel'nyi vypusk 55) [Journal of Abstracts: Plant Culture (Separate Issue 55)]
Okhr. priro. na Urals (13a)	Okhrana prirody na Urals [Conservation in the Ural Mountain Region]	Ref. zhur.: Stroit. i dor. mash. (16g)	Referativnyi zhurnal: Stroitel'nye i dorozhnyye mashiny (Otdel'nyi vypusk 60) [Journal of Abstracts: Construction Equipment and Road Machinery (Separate Issue 60)]
Okhr. truda i sots. strakh. (5d)	Okhrana truda i sotsial'noye strakhovaniye [Protection of Labor and Social Insurance]	Ref. zhur.: Tekh. i obor. i sel. - bum. i poligr. proizv. (16g)	Referativnyi zhurnal: Tekhnologiya i oborudovaniye tsellulozno-bumazhnogo i poligraficheskogo proizvodstva (Otdel'nyi vypusk 37) [Journal of Abstracts: Technology and Equipment of the Woodpulp, Paper, and Printing Industry (Separate Issue 37)]
Part. zhizn' (6)	Partynaya zhizn' [Party Life]	Ref. zhur.: Tekh. mashinostroy. (16g)	Referativnyi zhurnal: Tekhnologiya mashinostroyeniya [Journal of Abstracts: Technology of Machinery Manufacture]
Ortop. i travm. i protez. (14h)	Ortopediya, travmatologiya i protezirovaniye [Orthopedics, Traumatology, and Prosthetics]	Ref. zhur.: Teploenerg. (16g)	Referativnyi zhurnal: Teploenergetika [Journal of Abstracts: Heat Engineering]
Organ. i upr. nefteob. prom. (5b)	Organizatsiya i upravleniye nefteobrabatovushchey promyshlennosti [Organization and Management of Petroleum Production]		
Peshch. Gruz. (12a)	Peshchery Gruzii [Caves of Georgia]		
Plan. khoz. (5b)	Planovoye khozstaitstvo [Planned Economy]		
Plast. massy (16c)	Plasticheskiye massy [Plastics]		
Podg. i kokso. ugl. (18h)	Podgotovka i koksovaniye uglia [Preparation and Coking of Coal]		
Prib. i sist. avtom. (16e)	Pribory i sistemy avtomatiki [Apparatus and Systems of Automatic Control]		
Probl. gemat. i perel. krovi (14e)	Problemy gematologii i perekrivaniya krovi [Problems of Hematology and Blood Transfusion]		
Probl. tub. (14a)	Problemy tuberkuleza [Problems of Tuberculosis]		
Prom. Arm. (18a)	Promyshlennost' Armenii [Industry of Armenia]		

Ref. zhur. Trakt. i sel'khoz. mash. i orud. (10g)	Referativnyi zhurnal: Traktory i sel'skokhoziaistvennye mashiny i orudiya [Otdel'nyi vypusk 44] [Journal of Abstracts, Tractors and Agricultural Machinery and Equipment (Special Issue 44)]	Stroitel'stvo truboprovodov [Pipeline Construction]	Stroitel'stvo truboprovodov [Pipeline Construction]
Ref. zhur.: Trub. transp. (10g)	Referativnyi zhurnal: Truboprovodnyi transport [Otdel'nyi vypusk 45] [Journal of Abstracts: Pipeline Transportation (Separate Issue 45)]	Stud. uch. zap. Erev. un. (1a)	Erivan, Universitet, Studencheskie uchenye zapiski [University, Student studies]
Ref. zhur.: Vozd. transp. (10b)	Referativnyi zhurnal: Vozdushnyi transport [Journal of Abstracts: Air Transportation]	Teor. veroiat. i ee prim. (13e)	Teoriya veroiatnostei i ee primeneniya [Theory of Probability and its Applications]
Ref. zhur.: Zhiv. Vet. (15b)	Referativnyi zhurnal: Zhivoinovodstvo, Veterinaristika [Otdel'nyi vypusk 58] [Journal of Abstracts: Animal Husbandry, Veterinary Medicine (Separate Issue 58)]	Teplotfiz. vys. temp. (13f)	Teplotfizika vysokikh temperatur [Thermophysics of High Temperatures]
Ryb. khoz. (15b)	Rybnoe khoziaistvo [Fisheries]	Torg. za rub. (5a)	Torgovlia za rubezhom [Trade Abroad]
Sbor. nauch. rab. Arkhang. gos. med. inst. (14e)	Arkhangelskiy gosudarstvennyi meditsinskii Institut, Sbornik nauchnykh rabot [Archangel State Medical Institute, Collected papers]	Transp. stroit. (18d)	Transportnoe stroitel'stvo [Construction for the Transportation Industry]
Sbor. nauch. trud. Donpromstroiniproekt (16d)	Donetskii promstroiniproekt. Sbornik nauchnykh trudov [Donetsk Planning and Research Institute "Donetskii promstroiniproekt".]	Trudy AN Lit. SSR, Ser. B (1a)	Lietuvos TSR Moksha akademija Vilna. Darbai. Seriya B. Trudy Akademii nauk Lietuvos SSR. Seriya B [Academy of Sciences of the Lithuanian S. S. R. Transactions. Series B]
Sbor. nauch. trud. Mekhanobrchermet (16h)	Nauchno-issledovatel'skii i projektnyi institut po obogashcheniyu i aglomeratsii rud chernykh metallov "Mekhanobrchermet", Sbornik nauchnykh trudov [Research and Planning Institute for Iron Ore Dressing, Papers]	Trudy BKNII (1a)	Ulan-Ude. Buriatskii kompleksnyi nauchno-issledovatel'skii institut, Trudy [Buryat Scientific Research Institute, Transactions]
Sbor. nauch. trud. Novosib. NI san. inst. (14g)	Novosibirsk. Nauchno-issledovatel'skii sanitarnyi institut, Sbornik nauchnykh trudov [Sanitary Research Institute, Papers]	Trudy GIM (4a)	Moscow. Gosudarstvennyi istoricheskii muzei, Trudy [State Historical Museum, Transactions]
Sbor. post. Prez. i Sekr. VTSSPS (5d)	Vsesojuznyi Tsentral'nyi Sovet Professional'nykh Soluzov. Sbornik postanovlenii Prezidiuma i Sekretariata [All-Union Central Council of Trade Unions, Decisions of the Presidium and the Secretariat]	Trudy GMTS (13f)	Russia (1923- U. S. S. R.), Gidrometeorologicheskii nauchno-issledovatel'skii tsentr SSSR, Trudy [Hydrometeorological Scientific Research Center of the U. S. S. R. Transactions]
Sbor. rab. Gor'k. i Volzh. GMO (13f)	Gorkiy, Gidrometeorologicheskaya observatoriya, Sbornik rabot Gor'kovskoi i Volzhskoi GMO [Hydrometeorological Observatory, Collected Papers of the Gorkiy and Volga Hydrometeorological Observatories]	Trudy Gos. nauch. - issl. inst. psikh. (14c)	Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut psikhologii, Trudy [State Scientific Research Institute of Psychology, Transactions]
Sbor. trud. Abkhaz. fil. Gos. nauch. - issl. inst. kur. i fizioter. (14c)	Tiflisk. Gosudarstvennyi nauchno-issledovatel'skii institut kurortologii i fizioterapii, Abkhazskii filial, Sbornik trudov [State Scientific Research Institute of Health Resort and Physical Therapy, Abkhaz Branch, Papers]	Trudy IPG (13f)	Moscow. Institut prikladnoi geofiziki, Trudy [Institute of Applied Geophysics, Transactions]
Sbor. trud. IGMTK (16h)	Institut gornoi mekhaniki i tekhnicheskoi kibernetiki, Sbornik trudov [Institute of Mining Engineering and Applied Cybernetics, Papers]	Trudy Inst. bot. AN Gruz. SSR (13c)	Akademii nauk Gruzinskoi SSR, Tiflis, Institut botaniki, Trudy [Academy of Sciences of the Georgian S. S. R. Institute of Botany, Transactions]
Sbor. trud. NIIsoen (16d)	Moscow. Nauchno-issledovatel'skii institut osnovani i podzemnykh sooruzhenii, Sbornik trudov [Scientific Research Institute of Foundations and Underground Construction, Papers]	Trudy Inst. bot. AN Kazakh. SSR (13c)	Akademii nauk Kazakhskoi SSR, Alma-Ata, Institut botaniki, Trudy [Academy of Sciences of the Kazakh S. S. R. Institute of Botany, Transactions]
Sel'. khoz. (15a)	Sel'skoe khoziaistvo; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Agriculture; Classified Index of Articles in Foreign Periodicals]	Trudy Inst. elektrokhim. UFAN SSSR (13d)	Akademii nauk SSSR, Ural'skii filial, Sverdlovsk. Institut elektrokhimii, Trudy [Academy of Sciences of the U. S. S. R. Ural Branch, Institute of Electrochemistry, Transactions]
Sel'khoz. lit. SSSR (15a)	Sel'skokhoziaistvennaya literatura SSSR [Agricultural Literature of the U. S. S. R.]	Trudy Inst. khim. AN Gruz. SSR (13d)	Akademii nauk Gruzinskoi SSR, Tiflis, Institut khimii, Trudy [Academy of Sciences of the Georgian S. S. R. Institute of Chemistry, Transactions]
Shakht. stroit. (18b)	Shakhtnoe stroitel'stvo [Mine Construction]	Trudy kaf. obshchestv. nauk Bar. gos. ped. inst. (1a)	Barnaul'skii gosudarstvennyi pedagogicheskii institut, Trudy kafedry obshchestvennykh nauk [Barnaul State Pedagogical Institute, Transactions of the Departments of Social Sciences]
Shestimes. kat. dan. po seism. i grav. (12c)	Mirovii tsentr dannykh BI, Shestimesechnyi katalog dannykh po seismologii i gravimetrii [World Data Center BI, Semiannual Catalog of Data on Seismology and Gravity]	Trudy Len. gidromet. inst. (13f)	Leningrad, Gidrometeorologicheskii institut, Trudy [Hydrometeorological Institute, Transactions]
Shkola i proizv. (8a)	Shkola i proizvodstvo [School and Industry]	Trudy MIIT (10g)	Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta, Trudy [Moscow Institute of Engineers of Railroad Transportation, Transactions]
Soln. rad. i rad. bal. (13f)	Leningrad, Glavnaya geofizicheskaya observatoriya [Main Geophysical Observatory] Solar Radiation and Radiation Balance Data, Solnechnaya radiatsiya i radiatsionnyi balans.	Trudy MINKHIGP (16h)	Moscow. Institut neftokhimicheskoi i gazovoi promyshlennosti, Trudy [Institute of the Petrochemical and Gas Industry, Transactions]
Sots. obespe. (5e)	Sotsial'noe obespechenie [Social Security]	Trudy MOIP (13c)	Moskovskoe obshchestvo isspytatelei prirody, Trudy [Moscow Naturalists' Society, Transactions]
Sots. trud (5d)	Sotsialisticheskiy trud [Socialist Labor]	Trudy NIIAK (13f)	Moscow. Nauchno-issledovatel'skii institut aeroklimatologii, Trudy [Scientific Research Institute of Aeroclimatology, Transactions]
Sov. muz. (9b)	Sovetskaya muzyka [Soviet Music]	Trudy NIIGMP (13f)	Leningrad, Nauchno-issledovatel'skii institut gidrometeorologicheskogo priborostroeniya, Trudy [Scientific Research Institute of Hydrometeorological Instrument Making, Transactions]
Sov. profsolyuzy (5d)	Sovetskie profsolyuzy [Soviet Trade Unions]	Trudy NPI (16a)	Novocherkassk, Politehnicheskii institut, Trudy [Polytechnic Institute, Transactions]
Sov. slav. (4a)	Sovetskoe slavianovedenie [Soviet Slavic Studies]	Trudy 1-go MMI (14a)	Moscow. Pervyi meditsinskii institut, Trudy [First Medical Institute, Transactions]
Sov. torg. (5a)	Sovetskaya torgovlia [Soviet Commerce]	Trudy SNIIGIMS (12c)	Sibirskii nauchno-issledovatel'skii institut geologii, geofiziki i mineral'nogo syr'ya, Trudy [Siberian Scientific Research Institute of Geology, Geophysics, and Mineral Resources, Transactions]
Spis. sem., predi. v obm. Bot. sad AN Kazakh. SSR (15d)	Akademii nauk Kazakhskoi SSR, Alma-Ata, Botanicheskii sad, Spisok semian, predlagaemykh v obmen [Academy of Sciences of the Kazakh S. S. R. Botanical Garden, List of Seeds Offered in Exchange]	Trudy Sekt. fiziol. AN Azerb. SSR (13c)	Akademii nauk Azerbaidzhan'skoi SSR, Baku, Sektor fiziologii, Trudy [Academy of Sciences of the Azerbaijan S. S. R. Sector of Physiology, Transactions]
Stal' (16h)	Stal' [Steel]	Trudy TGU (1a)	Tomsk. Universitet, Trudy [University, Transactions]
Stand. i kach. (16a)	Standarty i kachestvo [Standards and Quality]	Trudy TSNII MPS (16g)	Moscow. Vsesojuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta, Trudy [All-Union Scientific Research Institute of Railroad Transportation, Transactions]
Stek. i ker. (16c)	Steklo i keramika [Glass and Ceramics]	Trudy TSNII MF (17b)	Leningrad, Tsentral'nyi nauchno-issledovatel'skii institut morskogo flota, Trudy [Central Scientific Research Institute of the Merchant Marine, Transactions]
Stroitel'stvo i arkhitektura (10b)	Stroitel'stvo i arkhitektura [Construction and Architecture]	Trudy TSNII B (16d)	Babushkin, Vsesojuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva, Trudy [All-Union Scientific Research Institute of Transportation Construction, Transactions]
Stroitel'stvo i arkhitekt. Uzb. (10b)	Stroitel'stvo i arkhitektura Uzbekistana [Construction and Architecture of Uzbekistan]		

Trudy Tadzh. med. inst. (14a)	Dushanbe. Gosudarstvennyi meditsinskii institut, Trudy [State Medical Institute, Transactions]	Uzb. khim. zhur. (13d)	Uzbekskii khimicheskii zhurnal [Uzbek Chemical Journal]
Trudy UkrNIGMI (13f)	Kiev. Ukrainskii nauchno-issledovatel'skii gidrometeorologicheskii institut, Trudy [Ukrainian Scientific Research Hydrometeorological Institute, Transactions]	Vech sred. shkola (8a)	Vechniata sredniata shkola [Evening Secondary School]
Trudy Un. druzh. nar. (1a)	Moscow. Universitet druzhby narodov, Trudy [University of the Friendship of Peoples, Transactions]	Ved. Verkh. Sov. RSFSR (6)	Russia (1917- R. S. F. S. R.) Verkhovnyi Sovet, Vedomosti [Supreme Soviet, Gazette]
Trudy VNIIG (13d)	Leningrad. Vsesoiuznyi nauchno-issledovatel'skii institut galurgii, Trudy [All-Union Scientific Research Institute of Metallurgy, Transactions]	Ved. Verkh. Sov. SSSR (6)	Russia (1923- U. S. S. R.) Verkhovnyi Sovet, Vedomosti [Supreme Soviet, Gazette]
Trudy VNIIGaz (16c)	Vsesoiuznyi nauchno-issledovatel'skii institut prirodnikh gazov, Trudy [All-Union Scientific Research Institute of Natural Gas, Transactions]	Vest. AMN SSSR (14a)	Akademii meditsinskikh nauk SSSR, Moscow, Vestnik [Academy of Medical Sciences of the U. S. S. R. Journal]
Trudy VNIKHAI (14h)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut khirurgicheskoi apparatury i instrumentov, Trudy [All-Union Scientific Research Institute of Surgical Apparatus and Instruments, Transactions]	Vest. AN Kazakh. SSR (1a)	Akademii nauk Kazakhskoi SSR, Alma-Ata, Vestnik [Academy of Sciences of the Kazakh S. S. R. Journal]
Trudy VNIKRakh. (16c)	Vsesoiuznyi nauchno-issledovatel'skii institut krakhamatoproduktov, Trudy [All-Union Scientific Research Institute of Starch Products, Transactions]	Vest. AN SSSR (1a)	Akademii nauk SSSR, Vestnik [Academy of Sciences of the U. S. S. R. Journal]
Trudy VZIT (16g)	Moscow. Vsesoiuznyi zaochnyi institut inzhenerov zheleznodorozhnogo transporta, Trudy [All-Union Correspondence Institute of Railroad Transportation Engineers, Transactions]	Vest. Gruz. bolan. ob-va (13c)	Akademii nauk SSSR, Vestnik [Academy of Sciences of the U. S. S. R. Journal]
Trudy Zool. inst. (13c)	Akademii nauk SSSR. Zoologicheskii institut, Trudy [Academy of Sciences of the U. S. S. R. Zoological Institute, Transactions]	Vest. khir. (14h)	Gruzinskoe botanicheskoe boshcheslvo, Vestnik [Botanical Society of Georgia, Review]
TSement (16d)	TSement [Cement]	Vest. LGU (1a)	Vestnik khirurgii [Review of Surgery]
TSil. i gen. (13c)	TSilologiya i genetika [Cytology and Genetics]	Vest. mashino-str. (16g)	Leningrad, Universitet, Vestnik [University, Review]
TSitologiya (13c)	TSitologiya [Cytology]	Vest. Mosk. un. Ser. 6. Biol., pochv. (13c)	Vestnik mashinostroenia [Machinery Manufacture Review]
TSvet. mel. (16b)	TSvetnye metaly [Nonferrous Metals]	Vest. sel'khoz. nauk [Kazakh. ] (15a)	Moscow. Universitet, Vestnik. Seriya 6: Biologiya, pochvovedenie [University, Review. Series 6: Biology, Soil Science]
Uch. zap. Dush. gos. ped. inst. (1a)	Dushanbe. Gosudarstvennyi pedagogicheskii institut, Uchenye zapiski [State Pedagogical Institute, Studies]	Vest. stat. (5b)	Vestnik sel'skokhozyaistvennoi nauki [Review of Agricultural Science], Kazakhstan,
Uch. zap. Erav. un. (1a)	Eriyan. Universitet. Uchenye zapiski [University, Studies]	Vest. stat. (5b)	Vestnik statistiki [Statistical Review]
Uch. zap. Kal. gos. ped. inst. (1a)	Kalinin. Pedagogicheskii institut, Uchenye zapiski [Pedagogical Institute, Studies]	Vest. zool. (13c)	Vestnik zoologii [Review of Zoology]
Uch. zap. Kar. ped. inst. (1a)	Petrozavodsk. Karelii'skii pedagogicheskii institut, Uchenye zapiski [Karelian Pedagogical Institute, Studies]	Vest. AN BSSR. Ser. biol. nav. (13c)	Akademii nauk BSSR, Minsk, Vestnik. Seriya 6: Biologiya, pochvovedenie [Academy of Sciences of the White Russian S. S. R. Bulletin. Series in the Biological Sciences]
Uch. zap. MGPI (1a)	Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut, Uchenye zapiski [Moscow, State Pedagogical Institute, Studies]	Vest. AN BSSR. Ser. hum. nav. (1a)	Akademii nauk BSSR, Minsk, Seriya 6: Biologiya, pochvovedenie [Academy of Sciences of the White Russian S. S. R. Bulletin. Series in the Social Sciences]
Uch. zap. MOPI (1a)	Moscow. Moskovskii oblastnoi pedagogicheskii institut, Uchenye zapiski [Moscow Province Pedagogical Institute, Studies]	Visnyk Kyiv. un. Ser. naeron. (13b)	Kiev, Universitet, Visnyk. Seriya astronomii [University, Review. Series in Astronomy]
Uch. zap. Mord. gos. un. (1a)	Saransk. Mordovskii gosudarstvennyi universitet, Uchenye zapiski [Mordvin State University, Studies]	Vnesh. torg. (6a)	Vneshniata torgovlia [Foreign Trade]
Uch. zap. NIIOA. Paleont. i biostr. (12c)	Leningrad. Nauchno-issledovatel'skii institut geologii Arkktiki, Uchenye zapiski, Paleontologiya i biostratigrafiya [Scientific Research Institute of the Geology of the Arctic, Studies, Paleontology and Biostratigraphy]	Voen. - med. zhur. (14a)	Voenno-meditsinskii zhurnal [Journal of Military Medicine]
Uch. zap. Nov. gos. gos. ped. inst. (1a)	Novgorodskii gosudarstvennyi pedagogicheskii institut, Uchenye zapiski [Novgorod Main State Pedagogical Institute, Studies]	Vop. biokhim. mozg. (13c)	Voprosy biokhimii mozga [Problems of the Biochemistry of the Brain]
Uch. zap. Perm. ped. inst. (1a)	Perm. Pedagogicheskii institut, Uchenye zapiski [Pedagogical Institute, Studies]	Vop. ekon. (5b)	Voprosy ekonomiki [Problems of Economics]
Uch. zap. Smol. gos. ped. inst. (1a)	Smolensk. Gosudarstvennyi pedagogicheskii institut, Uchenye zapiski [State Pedagogical Institute, Studies]	Vop. geol. Uzh. Urala i Povol. (12c)	Voprosy geologii Uzhnogo Urala i Povolzh'ia [Problems in the Geology of the Southern Urals and Volga Valley]
Uch. zap. Tash. inst. nar. khoz. (5b)	Tashkent. Institut narodnogo khoziaistva, Uchenye zapiski [Institute of the National Economy, Studies]	Vop. ikht. (13c)	Voprosy ikhtologii [Problems in Ichthyology]
Uch. zap. VNIISZ (7)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut sovetskogo zakonodatel'stva, Uchenye zapiski [All-Union Scientific Research Institute of Soviet Legislation, Studies]	Vop. kur., fizioter. i lech. fiz. kul't. (14a)	Voprosy kurortologii, fizioterapii i lecheniia fizicheskoi kul'tury [Problems of Health Resort Therapy, Physical Therapy, and Exercise Therapy]
Uch. zap. Volg. gos. ped. inst. (1a)	Volgograd. Gosudarstvennyi pedagogicheskii institut, Uchenye zapiski [State Pedagogical Institute, Studies]	Vop. onk. (14a)	Voprosy onkologii [Problems of Oncology]
Ugol' Ukr. (16b)	Ugol' Ukrainy [Coal of the Ukraine]	Vop. prikl. gir. (16g)	Voprosy prikladnoi gireskopii [Problems of Applied Gyroscopy]
Ukr. bot. zhur. (13c)	Ukrains'kii botanichnyi zhurnal [Ukrainian Botanical Journal]	Vop. psikh. (13a)	Voprosy psikhologii [Problems of Psychology]
Ukr. fiz. zhur. (13f)	Ukrains'kii fizichnyi zhurnal [Ukrainian Physics Journal]	Vych. i prikl. mat. (13e)	Vychislitel'nai i prikladnaya matematika [Computer and Applied Mathematics]
Ukr. ist. zhur. (14a)	Ukrains'kii istorichnyi zhurnal [Ukrainian Historical Journal]	Vysokom. soed. (13d)	Vysokomolekulyarnye soedineniia [Macromolecular Compounds]
Ukr. khim. zhur. (13d)	Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal]	Vysokom. soed. Ser. B (13d)	Vysokomolekulyarnye soedineniia, Seriya B [Macromolecular Compounds, Series B]
Upr. iad. energ. ust. (16a)	Upravlenie iadernymi energeticheskimi ustanovkami [Control of Nuclear Power Plants]	Vyssh. nerv. deiat. v norm. i patol. (14c)	Vysshaiia nervnaia deiatel'nost' v norme i patologii [Higher Nervous Activity Under Normal Conditions and in Pathology]
Uspekh. (iz. nauk) (13f)	Uspekhi fizicheskikh nauk [Progress in the Physical Sciences]	Za tekhn. prog. (16a)	Za tekhnicheskii progress [For Technological Progress]
		Zap. nauch. sam. Len. otd. Mat. inst. AN SSSR (13a)	Akademii nauk SSSR, Matematicheskii institut, Leningradskoe otdelenie, Zapiski nauchnykh seminarov [Academy of Sciences of the U. S. S. R. Institute of Mathematics, Leningrad Department, Studies of Scientific Seminars]
		Zap. Zabaik. fil. Geog. ob-va SSSR (12b)	Geograficheskoe obshchestvo SSSR, Zabaikal'skii filial, Zapiski [Geographical Society of the U. S. S. R. Transbaikalian Branch, Records]
		Zav. lab. (16h)	Zavodskaiia laboratoriiia [The Factory Laboratory]
		Zdrav. Ros. Feder. (14a)	Zdavoobrazovanie Rossiiskoi Federatsii [Health Service of the Russian Federation]
		Zhil. i kom. khoz. (16d)	Zhiliщnoe i kommunal'noe khoziaistvo [Housing and Communal Services]



Zhur. anal. khim. (13 d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]	Zhur. neorg. khim. (13d)	Zhurnal neorganičeskoi khimii [Journal of Inorganic Chemistry]
Zhur. eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]	Zhur. ob khim. (13d)	Zhurnal obščei khimii [Journal of General Chemistry]
Zhur. fiz. khim. (13d)	Zhurnal fizicheskoi khimii [Journal of Physical Chemistry]	Zhur. strukt. khim. (13d)	Zhurnal strukturnoi khimii [Journal of Structural Chemistry]
Zhur. mod. (16f)	Zhurnal mod [Fashion Magazine]	Zhur. vych. mat. i mat. fiz. (13e)	Zhurnal vychislitel'noi matematiki i matematicheskoi fiziki [Journal of Computer Mathematics and Mathematical Physics]
Zhur. Mosk. Patr. (3b)	Orthodox Eastern Church, Russian, Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]	Zhur. vys. nei v. deiat. (14c)	Zhurnal vysshei nervnoi deiatel'nosti [Journal of Higher Nervous Activity]

# SUBJECT INDEX TO MONOGRAPHS AND PERIODICALS

## O. GENERALITIES

### 00 FUNDAMENTALS OF KNOWLEDGE AND CULTURE

#### 002 Documentation and Information Retrieval Publications

Creating a single engineering documentation system. A. A. Lippart and others. Stand. i kach. 32 no. 9:66-69 S '68.

From the Soviet Committee on Zoological Nomenclature. Zool. obozr. 41 no. 3 691-695 '68.

Informative function of standardization departments. M. I. Basakov. Stand. i kach. 32 no. 9:71-72 S '68.

Methods of collecting and processing statistical information on the operational reliability of machines. V. V. Abianovich. Vest. mashinosti. 48 no. 6:7-9 Je '68.

Progressive methods of information service. A. Morozov. Inform. biul. VNIIT no. 4 9-10 Ap '68.

Quality requirements for polystyrene. R. N. Stepanova. Stand. i kach. 32 no. 9:70 S '68.

Scientific and technical information [Ref. zhur. : Nauch. i tekhn. inform. no. 10 O '68.

"Standard and progress" No. 2 film tape. O. A. Andreyevskii. Stand. i kach. 32 no. 9:75 S '68.

#### 002(574)—Kazakh S.S.R.

Exchange in experience of the informational service. N. Baib. Sov. toig. 12 no. 10 48-49 O '68.

### 01 BIBLIOGRAPHY

Bibliography. Inform. biul. Sov. amark. eksp. no. 66: 76-80 '68.

[Book chronicle] Knizh. let. nos. 44-46, 48 '68.

[Chronicle of newspaper articles] Lit. gaz. st. nos. 16-19 Ag-O '68.

[Chronicle of periodical articles] Let. zhur. st. nos. 41-42, 44, 48 '68.

[Chronicle of periodical articles] Lit. zhur. nos. 17-20 '68.

[Chronicle of reviews.] Lit. rel. no. 10 '68.

[Chronicle of the publications of the White Russian S.S.R.] Let. zhur. BSSR no. 7 Ji '68.

A conference on the bibliography of recommended books. A. Belova, T. Kuzina. Bibliotekar' no. 11:41-42 N '68.

[Information bulletin of new foreign books, received by the Lenin Library. Series I] Inform. biul. nov. inostr. knig. postup. v Bibl. im. V. I. Len. Ser. I 13 nos. 34-36 D '68.

[Information index of bibliographical lists and card files] Inform. ukaz. bibl. spis. i kart. 12 nos. 22-24 N-D '68.

[New books of the Ukrainian S.S.R.] Nov. knyhy URSS no. 26-29 '68.

[New books of the U. S. S. R.] Nov. knigi SSSR nos. 47-49 N-D '68.

New books published by the "Nauka" Publishing House. Vest. AN Kazakh SSR 23 no. 12 66 D '67.

[New Foreign Books; Catalog of New Accessions] Nov. inostr. knigi; kat. nov. postup. no. 5 '68.

New literature on library science and bibliography. Bibliotekar' no. 10 62-63 O '68.

New literature on library science and bibliography. Bibliotekar' no. 11:61-63 N '68.

#### 01.0 Bibliographies on generalities (knowledge and culture, bibliography, libraries, organizations, etc.)

New literature on library science and bibliography. Bibliotekar' no. 10:62-63 O '68.

#### 01.1 Bibliographies on philosophy

New literature on library science and bibliography. Bibliotekar' no. 11:61-63 N '68.

#### 01.3 Bibliographies on social sciences, law, military and naval sciences, education

[Literature on the pedagogical sciences and public education] Lit. po ped. nauk. i nar. obr. no. 3 '68.

New books. Part. zhizn' no. 20:80 O '68.

New books. Sots. trad. 13 no. 6 151 S '68.

Supply the accounting and statistical personnel with necessary literature. E. Seimenov, E. Mashikhin. Vest. stat. no. 10 77-82 '68.

The Ukrainian S.S.R. in postwar international relations: a bibliography. Ukr. ist. zhur. 12 no. 9:159-160 S '68.

#### 01.5 Bibliographies on mathematics and natural sciences

Bibliography of foreign literature on genetics (March 1968). Genetika 4 no. 8:185-192 '68.

[New foreign books. Series A: Mathematics, mechanics, astronomy, physics, geophysics, chemistry, geology, physical geography] Nov. knigi za rub. Ser. A 21 no. 11 N '68.

#### 01.6 Bibliographies on applied sciences, medicine, technology

[Agricultural literature of the U. S. S. R.] Sol'khoz. lit. SSSR no. 11 '68.

Bibliography in foreign languages. Trudy VNIITAI no. 7 186-189 '67.

Bibliography in the Russian language. Trudy VNIITAI no. 7 119-123 '67.

[Set of translations, collections of articles, authors' abstracts, and summaries of reports, with a considerable number of materials on surgical suturing apparatus and their use. Trudy VNIITAI no. 7 184-188 '67.

Surgical suturing apparatus: bibliography. A. M. Gusevich, Trudy VNIITAI no. 7 146-148 '67.

#### 01.9 Bibliographies on history, geography

The most significant articles and materials on the present-day situation, history, culture, and languages of Slavs in foreign countries published in Soviet periodicals in 1968 (continuation). Sov. slav. no. 5 60-66 S-O '68.

Outstanding historians of Podolia. A. M. Paravichuk. Ukr. ist. zhur. 12 no. 9:87-92 S '68.

Slavic studies published in foreign periodicals. Sov. slav. no. 5:98-101 S-O '68.

### 017 CATALOGS

Catalogs and card indexes for young readers. L. Khortilova. Bibliotekar' no. 10:40-50 O '68.

### 02 LIBRARIES, LIBRARIANSHIP

A library of educational records and tapes. E. O. Konokotin. Vosh. arad. shkola 11 no. 2:60-63 Mr-Apr '68.

As many visual aids as possible. A. Davy, IU, Izdaty. Bibliotekar' no. 11:56-58 N '68.

Marking the first Anniversary of the Great October Revolution. K. Abramov. Bibliotekar' no. 11:10-11 N '68.

New appointments. Bibliotekar' no. 11:60 N '68.

New literature on library science and bibliography. Bibliotekar' no. 10:62-63 O '68.

New literature on library science and bibliography. Bibliotekar' no. 11:61-63 N '68.

Preparation of standard designs. I. Polrov. Bibliotekar' no. 11:53-55 N '68.

Programmed instruction. K. Voronko. Bibliotekar' no. 11:49-52 N '68.

Regulations on central libraries for youth in the seats of provinces and territories and the capitals of the autonomous Soviet socialist republics. Bibliotekar' no. 11:59-60 N '68.

The road of books to their readers has become shorter. E. Reshetnikova. Bibliotekar' no. 11:34-37 N '68.

Try to develop devotion to the ideals of communism. Bibliotekar' no. 11:1-5 N '68.

We also are for library aesthetics, but... E. Suklasian. Bibliotekar' no. 11:38-40 N '68.

#### 02(431)—German Democratic Republic

Offspring of the socialist system. I. Gantakata, L. Pastukhova. Bibliotekar' no. 11:23-30 N '68.

#### 02(471)—Russian Soviet Federated Socialist Republic (R. S. F. S. R.)

Useful discussion. L. Pionosov. Bibliotekar' no. 10: 51-55 O '68.

#### 02(471.11)—Archangel Province

What did we learn from a questionnaire? N. Niklina. Bibliotekar' no. 11:31-33 N '68.

#### 02(471.12)—Vologda Province

They continue the work of their fathers. G. Askovets. Bibliotekar' no. 10 23-26 O '68.

#### 02(471.25)—Pskov Province

Headquarters of the friends of books. A. Mikhoeva. Bibliotekar' no. 10 23-26 O '68.

#### 02(471.310)—Moscow City

The "Gremda" Club. A. Morozov. Bibliotekar' no. 10 31-33 O '68.

We tell young Moscovites about Moscow. R. Moserova. Bibliotekar' no. 11:23-25 N '68.

#### 02(471.313)—Ryazan Province

Our prime objective. V. Serabriakov. Bibliotekar' no. 11:7-8 N '68.

#### 02(471.331)—Kalinin Province

What our rural library needs. V. Razin'kova. Bibliotekar' no. 11:46-48 N '68.

#### 02(471.333)—Bryansk Province

The books are the companions of rural youth. V. Filin. Bibliotekar' no. 10 28-30 O '68.

The most important sector. V. Nilov. Bibliotekar' no. 11:17-20 N '68.

#### 02(471.341)—Gorkiy Province

Changes which will answer the demands of life. V. Sachkova. Bibliotekar' no. 10:56-57 O '68.

A library named after the V. I. Lenin Communist Youth League. K. Guseinov, T. Sokolova. Bibliotekar' no. 10:26-28 O '68.

#### 02(471.53)—Perm Province

Framed by the needs of the collective farm. M. Belfasv. Bibliotekar' no. 11:20-21 N '68.

#### 02(470)—White Russian S.S.R.

Armed with glorious traditions. A. Paltimonov. Bibliotekar' no. 10 15-18 O '68.

#### 02(477)—Ukrainian S.S.R.

According to a uniform plan. M. Dyblina, V. Puchenko. Bibliotekar' no. 11:40-41 N '68.

Every month there is a review of new books. M. Stobolnik. Bibliotekar' no. 11:22 N '68.

#### 02(406)—European communist countries as a group

A conference of specialists in library science from socialist countries. Bibliotekar' no. 10:58-60 O '68.

#### 02(407.2)—Bulgaria

New developments in the direction of people's reading rooms in Bulgaria. E. Ratkova. Bibliotekar' no. 11: 42-46 N '68.

#### 02(571.14)—Novosibirsk Province

The 50th anniversary of a scientific library. A. Radugin. Bibliotekar' no. 11:41 N '68.

#### 02(571.15)—Altai Territory

Based on a standard plan. I. Zharkova. Bibliotekar' no. 10:12-14 O '68.

#### 028 Reading. Advice for readers

Art of the discussion of literary works. I. Chapygina. Bibliotekar' no. 11:12-14 N '68.

From 22,000 to 23,000,000. A. Kamshalov. Bibliotekar' no. 10:2-4 O '68.

They educate the guardians of our country. V. Samonov. Bibliotekar' no. 10:34-35 O '68.

You should love books and be friends with the library. I. Tsergadskii. Bibliotekar' no. 10:18-23 O '68.

#### 028(471.11)—Archangel Province

We shall carry out all our plans. E. Kolodkina. Bibliotekar' no. 11:9 N '68.

#### 028(471.232)—Leningrad City

Narration as well as visual instruction. I. Levitin. Bibliotekar' no. 10:45-47 O '68.

028(471 310)—Moscow City  
Suggestions of readers. I. Zhadaeva. Bibliotekar' no. 10:58-59 O '68.  
We tell young Moscovites about Moscow. R. Moserova. Bibliotekar' no. 11:23-25 N '68.

028(471 313)—Ryazan Province  
Our prime objective. V. Serebriakov. Bibliotekar' no. 11:7-8 N '68.

028(471 333)—Bryansk Province  
Books are the companions of rural youth. V. Elina. Bibliotekar' no. 10:28-30 O '68.  
The most important sector. V. Niflov. Bibliotekar' no. 11:17-20 N '68.

028(471 53)—Perm Province  
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028(471 63)—Slavropol Territory  
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368.48(471.12)—Vologda Province  
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368.48(471.311)—Moscow Province  
The grabber and the paper. A. Sivakov. Sots. obozr. 43 no 9 10-12 S '68

368.48(471.323)—Kursk Province  
The dream came true. V. Lebedev. Sots. obozr. 43 no 9 26-27 S '68

368.48(471.344)—Chuvash A.S.S.R.  
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368.48(471.66)—Chechen-Ingush A.S.S.R.  
Useless reorganization. Kh. Muranov. Sots. obozr. 43 no 9 77 S '68

368.48(571.15)—Altai Territory  
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368.48(571.51)—Krasnoyarsk Territory  
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300.4(470.104)—Capitalist countries of the world  
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## 37 EDUCATION

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37(161)—Now states  
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37(41)—United Kingdom and Northern Ireland  
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37(471)—Russian Soviet Federated Socialist Republic (R.S.F.S.R.)  
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37(471.341)—Gorkiy Province  
Krupskaya in the village Rabotki. V. Durmaslikin. Nar. obr. no 9:80-82 S '68

37(471.53)—Perm Province  
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37(471, 55)—Chelyabinsk Province  
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37(471, 62)—Krasnodar Territory  
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37(474, 3)—Latvian S.S.R.  
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37(477)—Ukrainian S.S.R.  
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37(477, 6)—Donets Basin  
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37(477, 8)—Western Ukraine  
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Schools of Ternopol' Province in the anniversary year. M. S. Kolesnyk. Rad. shk. 46 no. 12:24-26 D '67.

37(479, 225)—Georgian S.S.R.  
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37(495)—Greece  
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37(510, 3)—Mongolian People's Republic  
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37(575, 4)—Turkmen S.S.R.  
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37(8)—South America  
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37.015 Educational psychology  
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370.17 Communist education  
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We are educating conscientious builders of communism. Nar. obr. no. 9:55-62 S '68.

370, 17(430)—Hungary  
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370, 17(471, 26)—Kaliningrad Province  
The Komsomol should be a persistent concern. B. Nefedov. Part. zhizn' no. 20:40-44 O '68.

370, 17(477)—Ukrainian S.S.R.  
Instructors of youth. T. Chavak. Mol. komm. no. 9:23-28 '68.

370, 17(477, 6)—Donets Basin  
Development of public opinion in the student's collective. M. Yu. Krasovyt'skiy. Rad. shk. 46 no. 12:88-90 D '67.

370, 17(510, 3)—Mongolian People's Republic  
Strength of the party is in the consciousness of the masses. G. Ochirbat. Part. zhizn' no. 20:69-72 O '68.

371 School organization. Educational systems  
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371(471, 310)—Moscow City  
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371.1 Management. Teaching staff  
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Toward the all-Union congress of teachers. Vech. sred. shkola 11 no. 2:3 Mr-Apr '68.

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A year of great tasks. Nar. obr. no. 9:2-6 S '68.

371, 1(471, 55)—Chelyabinsk Province  
It is more economical this way. P. Shchepochko. Fla. SSSR 42 no. 11:75-76 N '68.

371.3 Methods of instruction  
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From life, into life. M. I. Plotnikov. Vech. sred. shkola 11 no. 2:69-71 Mr-Apr '68.

In unity with practice. M. Terekhin. Nar. obr. no. 9-48-51 S '68.

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Moral right to teach. M. Men'shew. Komm. vooruzh. sil 49 no. 10:80-82 My '68.

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Programmed instruction. K. Voron'ko. Bibliotekar' no. 11:49-52 N '68.

Programmed training. A. A. Shindriakov. Voen.-med. zhur. no. 10:23-25 O '68.  
Radio and tape recording in elementary grades. I. M. Zhuravitska. Rad. shk. 46 no. 12:70-83 D '67.  
Repeating, comparing. G. N. Iakovlev. Vech. sred. shkola 11 no. 2:45-50 Mr-Apr '68.  
Study of epic works. S. K. Esipova. Vech. sred. shkola 11 no. 2:57-60 Mr-Apr '68.  
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There is no limit to the possibility of participation. I. A. Neskov. Nar. obr. no. 9:47-48 S '68.

371, 3(471, 310)—Moscow City  
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371, 3(471, 61)—Rostov Province  
Practice and problems of the new year. T. Grichenko, S. Slepakov. Nauch. dokl. vys. shkoly; ekon. nauki 11 no. 8:79-84 '68.

371, 6(471, 310)—Moscow City  
Study rooms of organizational and party work. A. Kosylova, N. Kashkina. Part. zhizn' no. 20:44-46 O '68.

371.5 Rules. Attendance. Prizes. Discipline  
Should the teacher always "reveal" his position? L. Plaksina. Nar. obr. no. 9:52-55 S '68.

371.6 Teaching and training rooms and equipment  
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371.7 School hygiene. Health, physical training, games  
"Attention! the game continues..." A. Razorenova. Mol. komm. no. 9:49-53 '68.  
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371, 7(477)—Ukrainian S.S.R.  
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371, 7(571, 14)—Novosibirsk Province  
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371, 7(571, 17)—Kemerovo Province  
Physical development of schoolchildren in Kemerovo. D. I. Kaganovich, N. D. Bogachanov, N. A. Kravva. Sbor. nauch. trud. Novosib. NI san. inst. 15:87-89 '65.

371.8 School life. Customs. Honors, uniform, etc.  
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Student self-government in schools. O. Ia. Kurysh. Rad. shk. 46 no. 12:84-87 D '67.

371, 8(477, 6)—Western Ukraine  
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371.9 Education of special categories of pupils: handicapped, blind, deaf and dumb, etc.

371, 9(471, 311)—Moscow Province  
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371, 9(470)—White Russian S.S.R.  
At the Ministry of Education of the U.S.S.R. Nar. obr. no. 9:123 S '68.

372 Preschool and elementary or primary education  
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Radio and tape recording in elementary grades. I. M. Zhuravitska. Rad. shk. 46 no. 12:70-83 D '67.

372(471, 310)—Moscow City  
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372.364 Manual training in schools.  
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V. F. Koz'min, A. M. Podavalov, R. N. Pushkina. Shkola i prosv. 12 no. 6:70-72 Je '68.  
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Remarkable work of schoolgirls. M. Z. Tsatulova. Shkola i prosv. 12 no. 6:52-53 S '68.  
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372.364(471.232)—Leningrad City  
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372.364(471.318)—Kaluga Province  
Work of manual training teachers in Kaluga Province. F. A. Abrosimova, V. S. Terekhin. Shkola i prosv. 12 no. 9:20-24 S '68.

### 373 Secondary education

373(471.327)—Penza Province  
Always in search. R. Aleksandrov. Nar. obr. no. 9:36-43 S '68.

373(474.3)—Latvian S. S. R.  
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373.6 Technical and vocational institutes, polytechnical institutes  
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Improve the level of the training of economic personnel. L. Cherkashyn. Ekon. Rad. Ukr. 10 no. 8:54-55 Ag '68.  
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Vocational education and evening schools. M. K. Erniakova. Vech. sred. shkola 11 no. 2:26-28 Mr-Apr '68.  
Young hands, golden hands. B. D. Lavrentuk. Gor. khoz. Mosk. 42 no. 9:7-9 S '68.

373.68 Agricultural training  
Creative work of students. I. K. Koktashev. Shkola i prosv. 12 no. 9:72-73 S '68.

374 Further education. Private study. Adult education  
According to the call of the party. G. N. Shapochkina. Vech. sred. shkola 11 no. 2:32-34 Mr-Apr '68.  
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Improving the general educational level of the laboring class in 1959-1965. E. I. Sedova. Uch. zap. Kal. gos. ped. inst. 49:148-158 '68.  
Improving work with pedagogic cadres. I. Ovodov. Nar. obr. no. 8:18-22 S '68.  
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The quality of knowledge could be better. I. Zhavorova. Nar. obr. no. 9:76-79 S '68.  
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Use of algorithms in solving problems for calculating averages. V. P. Burlachenko, P. I. A. Mikhailik. Vech. sred. shkola 11 no. 2:83-87 Mr-Apr '68.  
Vocational education and evening schools. M. K. Erniakova. Vech. sred. shkola 11 no. 2:26-28 Mr-Apr '68.  
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374(471.45)—Volgograd Province  
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374(474.3)—Latvian S. S. R.  
In the correspondence schools of Latvia. G. E. Rudzitis. Vech. sred. shkola 11 no. 2:23-25 Mr-Apr '68.  
One of the roads to an international education. B. T. Infant'ev, A. G. Loasv. Vech. sred. shkola 11 no. 2:50-58 Mr-Apr '68.

374(477)—Ukrainian S. S. R.  
Development of adult education in the Ukraine. O. M. Shportenko. Rad. shk. 46 no. 12:31-36 D '67.

374.4 Correspondence courses and schools  
Improving correspondence school instructions. P. Sudak. Fin. SSSR 42 no. 11:16-18 N '68.  
The quality of knowledge could be better. L. Zhavorova. Nar. obr. no. 9:76-79 S '68.

### 374.7 People's universities

374.7(571.16)—Altai Territory  
A university has begun its work. G. Shupak. Bibliotekar' no. 11:8 N '68.

378 Higher education. Universities, colleges, academies  
Education of future specialists in the institutions of higher learning during the Great Patriotic War, 1941-1945. B. I. Sudarov. Uch. zap. MGPI no. 280:203-229 '67.  
Organizational and methodological forms of the assistance of a medical institute in the practice of public health. Kh. S. Khamutov, V. M. Sirotkin. Zdrav. Ros. Fed. 12 no. 10:32-35 O '68.  
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378(471.22)—Karelian A. S. S. R.  
A happy rich man. Zh. Aronova. Mol. komm. no. 9:108-113 '68.

378(471.232)—Leningrad City  
In memory of A. A. Voznesenskii, on the 70th anniversary of his birth. Vest. LGU 23 no. 17:151-152 S '68.

378(471.310)—Moscow City  
Fiftieth anniversary of the Moscow Mining Academy and the Moscow Mining Institute. V. V. Rzhavskii, Izv. vyz. ucheb. zav. gor. zhur. 11 no. 8:182-188 '68.

378(478)—White Russian S. S. R.  
The training of scientists and scholars in White Russia during the Soviet regime. M. I. Ialenchuk. Vest. AN BSSR. Ser. hram. nav. no. 1:65-74 '68.

378(477.8)—Western Ukraine  
At Chernovtsy University. V. K. Rad. lit. 12 no. 10:105-96 O '68.

378(497.2)—Bulgaria  
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378(571.14)—Novosibirsk Province  
On the 35th anniversary of the Novosibirsk Scientific Research Sanitary Institute. Sbor. nauch. trud. Novosib. NI san. inst. 15:3-6 '65.

Some results and aspects of the work of the Novosibirsk Scientific Research Institute of Sanitation in the field of hygiene of children and adolescents. D. I. Kapranov. Sbor. nauch. trud. Novosib. NI san. inst. 15:75-79 '65.

378(875.1)—Uzbek S. S. R.  
At the Ministry of Education of the U. S. S. R. Nar. obr. no. 9:123 S '68.

378.24 Academic dissertations  
Defense of a dissertation in the Institute of Slavic Studies of the Academy of Sciences of the U. S. S. R. G. S. Sov. slav. no. 5:103 S-O '68.

Defense of dissertations in Voronezh University. A. P. Moskalenko. Sov. slav. no. 5:102-103 S-O '68.  
Defense of theses. N. Polonka. Izv. AN Yurk. SSU, Ser. biol. nauk no. 4:96 '68.  
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### 379 Relation between school and society

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## 532.52 Flow through orifices Boundary layer. Vortices Cavitation Mixing

- Aerodynamic characteristics of conical nonaxisymmetric bodies. A. I. Shvets, *Izv. AN SSSR, Mekh. zhid. i gaz.* no. 2:112-116 *Mr-Ap* '68
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## 532.59 Wave motion Waves

- Determining wave pressure on an inclined wall on the basis of field observations M. I. Lapinski, I. U. V. Urkov *Gidr. stroi.* 38 no. 9:17-19 *S* '68
- Diffraction of waves of the type produced by ships. L. N. Stetsenskii, *Izv. AN SSSR, Mekh. zhid. i gaz.* no. 2:40-49 *Mr-Ap* '68
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- Determination of transport numbers of lithium ions in the system ion exchanger - solution. M. N. Kurin and others *Zhur. fiz. khim.* 42 no. 10:2690-2692 *O* '68.

- Kinetics and mechanism of reactions in concentrated strong acid media. Part 17 Kinetics of the hydrolysis of normal butyl acetate in aqueous solutions of sulfuric acid N. B. Librovich, M. I. Vinnik *Zhur. fiz. khim.* 42 no. 10:2530-2534 *O* '68
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## 539.37 Deformation: theory, types, etc.

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- Studying the creep of a thin plate weakened by deep notches.** I. U. I. Trubnikov. *Izv. vyz. ucheb. zav., mashinost.* no. 3:94-98 '68.

## 539.4 Strength. Resistance

- Allowance for shear resistance in designing parts made from reinforced plastics.** I. U. M. Tarnopolskii, A. V. Pozo. *Vest. mashinost.* 48 no. 4:43-47 Ap '68.
- Design of threaded joints operating under high temperature conditions.** V. B. Zhukov. *Vest. mashinost.* 48 no. 6:26-28 Ag '68.
- Determining combined stresses and evaluation of roller strength used in cold rolling.** A. V. Tret'akov, E. A. Garber, I. U. A. Ozolin. *Vest. mashinost.* 48 no. 6:20-21 Je '68.
- Distribution of stresses on the cutting edges of a helical drill.** M. Fagradian. *Prom. Arm.* 10 no. 8:53-55 '68.
- Dynamics of the hoisting mechanism of a tower crane.** L. M. Smirnov. *Vest. mashinost.* 48 no. 8:23-25 Ag '68.
- Energy theory of the fracture of oriented laminate glass reinforced plastics under biaxial compression.** V. P. Matenko, H. H. Marholin. *Dop. AN URSSR Ser. A* 30 no. 10:941-943 O '68.
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**Some problems of stability and deformability of glass-reinforced plastics.** M. Martirosian. *Prom. Arm.* 10 no. 8:6-8 '68.

**Strength calculation of supporting welded bodies of turbine piston engines.** A. S. Orlin, G. L. Vasil'ev. *Vest. mashinost.* 48 no. 8:18-22 Ag '68.

**Strength of 18Kh2N4VA blister steel depending on the smelting method.** M. B. Balachovskaya, M. M. Sholtnber, I. G. Veitil. *Stal'* 28 no. 9:839-840 S '68.

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## 539.5 Material properties influencing deformability

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- Nature of hardened nickel embrittlement.** A. S. Bai and others. *Fiz. met. i metalloved.* 25 no. 5:119-132 Je '68.

## 539.6 Intermolecular forces; association phenomena

- Coefficients of friction and viscosity of an electrode mass.** S. V. Shulepov and others. *Tsvet. met.* 41 no. 6:62-66 Je '68.
- Effect of hydrogen on internal friction.** M. A. Bhumylov, Z. K. Vachev. *Ukr. fiz. zhur.* 13 no. 2:200-204 F '68.
- Frequency dependence of internal friction in tungsten at high temperatures.** V. O. Shestopal. *Fiz. met. i metalloved.* 25 no. 6:1104-1110 Je '68.
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- Method for determining adhesion of thermoplastic polymer materials to glass fiber.** M. S. Akutin, V. K. Miller, M. L. Kerber. *Plast. massy* no. 9:63-64 '68.
- Studying the amplitude dependence of internal friction by the method of induced oscillations of a cantilever specimen.** V. P. Elutin and others. *Izv. vyz. ucheb. zav., Chern. met.* 11 no. 9:119-122 '68.
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## 543.2 Special chemical methods of analysis and assay

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- 546 02 Isotopes**
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# 6125 Animal heat. Body temperature

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# 6126 Reproduction, Development, Growth, Aging, Death

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# 6127 Organs of movement. Voice. Skin

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## 613.2 Dietetics. Feeding. Foods

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## 613.4 Body care and cleanliness

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## 613.5 Occupational and industrial hygiene

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## 613.6 (471, 61)—Rostov Province

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## 613.6 (477, 9)—Crimea

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## 613.6 (57)—Asiatic U. S. S. R.

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## 613.6 (571, 17)—Kemerovo Province

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## 613.6 (575, 2)—Kirgiz S. S. R.

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## 613.7 Exercise. Recreation. Rest. Sleep

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## 613.8 Nervous and mental hygiene. Health and addictions, morals, behavior

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## 613.9 Hygiene in relation to race, age and sex

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## 614 Public health and safety

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## 614 (471, 11)—Archeangel Province

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## 614 (477)—Ukrainian S. S. R.

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## 614 (479, 24)—Azerbaijan S. S. R.

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## 614 (571, 14)—Novosibirsk Province

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## 614.2 Official and professional organization

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## 614.2(471.323)—Kursk Province

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## 614.7 Air, soil and water hygiene and sanitation. Pollution. Drainage

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Dust removal in the course of technological processes at the Rakhinskii Mining and Metallurgical Combine. Sh. E. Chelashvili, Z. P. Mirotdro, T. L. Gelashvili. Nauch. rab. inst. okhr. trud. VTSSPS no. 44-10-22 '66.  
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## 614.7(282.24)—European rivers

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## 614.7(437)—Czechoslovakia

Air pollution with discharges from coke oven banks in metallurgical combines of Czechoslovakia. Václav Masok. Gig. i san. 33 no. 11 72-79 N '68.

## 614.7(471.66)—Chechen-Ingush A.S.S.R.

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## 614.7(477.9)—Crimea

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## 614.7(571.11)—Kurgan Province

Experiments on air sterilization conducted by the Kurgan Plant for medicinal preparations. D. S. Kozlenko, Khim. farm. zhurn. 2 no. 7 46-47 JI '68.

## 614.7(575.1)—Uzbek S.S.R.

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## 614.8 Accidents: prevention, protection, safety

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For the sake of our recreation. V. K. Gusev. Gor. khoz. Mosk. 42 no. 9-31 S '68.  
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## 614.8(41)—United Kingdom and Northern Ireland

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## 614.8(571.16)—Tomsk Province

Our common cause. I. Vorob'ev. Okhr. truda i sol. strakh. 11 no. 10 10-11 O '68.

## 614.89 Protective clothing

Classification of special clothing according to protective properties. M. E. Tsutskov, A. A. Subbotin, K. Z. Matrosova. Nauch. rab. inst. okhr. trud. VTSSPS no. 44 69-78 '66.

Overall method of evaluating water-repellent cotton fibers used in special clothing. V. I. Davydov, O. K. Krauze. Nauch. rab. inst. okhr. trud. VTSSPS no. 43 61-71 '68.

## 615 Pharmacy. Pharmacology. Toxicology

[Pharmacology. Chemotherapeutics. Toxicology] Ref. zhur. Farm. khimioterap. sred. Toks. no. 9 S '68.

## 615.2 Inorganic materia medica

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## 616.3 Digestive system Gastroenterology. Deficiency diseases

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- clinical form of doubling of the esophageal tube in children. F. M. Davtina, Vest. khir. 101 no. 8 101-103 Ag '68.
- Development of and clinical use of suturing apparatus for anastomoses of the alimentary canal. T. V. Kalinina, Trud. VNIKHAI no. 7 71-85 '67.
- Development of methodology of peritoneal dialysis with mannitol in diffuse peritonitis. V. D. Fedorov and others. Khirurgia 41 no. 9 54-60 S '68.
- Diabetes mellitus and some surgical diseases. G. B. Bozhovskii, S. Sh. Khundadze, Khirurgia 41 no. 9 72-76 S '68.
- Diabetes mellitus and surgery. S. G. Gencs, Khirurgia 41 no. 9 67-72 S '68.
- Diagnosis and surgical treatment of calculi of the bile ducts. P. N. Naprikov, N. A. Postrel, Khirurgia 44 no. 8 42-47 Ag '68.
- Diagnosis and treatment of acute pancreatitis. M. I. Kolomoichenko, S. I. Rybakov, Khirurgia 44 no. 8 60-65 Ag '68.
- Diagnosis and treatment of closed lesions of the intraperitoneal portion of the rectum. E. I. Furus, Khirurgia 44 no. 9 15-10 S '68.
- Diagnosis of retroperitoneal tumor formation. I. S. Kaledin, M. I. Tenetko, Khir. khir. no. 6 76-77 Je '68.
- Difficulties and failures in peritoneoscopy. T. V. Martishev, Khirurgia 41 no. 9 51-54 S '68.
- Diagnosis evaluation in cirrhosis of the liver. D. Usol'skiy, Khir. 41 no. 9 29-31 S '68.
- Disorders of absorption in chronic pancreatitis. P. Mal'te-Guy, J. Murat, J. P. de Roissard, Khirurgia 44 no. 8 14-19 Ag '68.
- Disorders of the functional state of the stomach in workers having contact with petroleum hydrocarbons. A. I. Bashirov, Vest. med. zhur. 45 no. 9 62-65 S '68.
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- Effect of sex hormones on the glucose absorption processes in the small intestine. N. P. Semen, Fiziol. zhur. (Ukr.) 14 no. 5 651-660 S-O '68.
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- Effectiveness of compound treatment of chronic gastritis with subaqueous baths of Sukhum mineral water (borehole No. 1) and simultaneous internal administration of Ayudkar mineral water. N. V. Migeladze, Sh. Sh. Metonidze, I. V. Iashvili, Sbor. trud. Akhkhaz. fil. Gos. nauch.-issl. inst. kur. i fizioter. 6 143-150 '67.
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- Esophagogastrosocopy in gastrointestinal hemorrhages. V. I. Struchkov and others, Khirurgia 44 no. 8 78-82 Ag '68.
- Experience in recurrence-preventing treatment of chronic peptic ulcer. G. N. Morozov, Voen.-med. zhur. no. 10 73-74 O '68.
- Extradural blocks in the treatment of chronic algic pancreatitis. S. M. Seit-Umerov, G. F. Nosov, Vest. khir. 101 no. 8 20-22 Ag '68.
- Exudative biliary peritonitis. G. N. Akzhigitov, Kh. N. Akzhigitov, Khirurgia 44 no. 9 31-34 S '68.
- Fecal fistulas in spondylitis tuberculosa. V. M. Bas, Probl. tub. 43 no. 11 77-78 '65.
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- Gastrointestinal complications in treatment with corticosteroids. V. N. Semenov, V. N. Karkashin, Khirurgia 44 no. 9 40-42 S '68.
- Gingivitis and its prevention in pregnancy. G. S. Chuchmal, Akush. i gin. 41 no. 4 143-145 Ji-Ag '65.
- Grekov-Svenson's operating technique in Favall-Hirschsprung's megacolon. A. R. Shorinok, A. N. Baklanova, Khir. khir. no. 6 10-12 Je '68.
- Hemangiomas of the small intestine. V. V. Starovost, Khir. khir. no. 6 64-65 Je '68.
- Hemioleptoplasty. V. I. Korotki, Khir. khir. no. 6 41-46 Je '68.
- Indications for and contraindications to surgical interventions in diabetes mellitus. V. D. Sokolovskii, Khirurgia 44 no. 9 76-81 S '68.
- Involvement of the vermiform process into the appendix in a child. F. S. Gorbunov, Khir. khir. no. 6 67 Je '68.
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- Limited phlegmon of portions of the gastrointestinal tract. S. E. Muzhaga, Khirurgia 44 no. 9 60-64 S '68.
- Local hypothermy of the stomach in grave forms of acute pancreatitis. B. A. Petrov and others, Khirurgia 44 no. 8 3-8 Ag '68.
- Local pancreatitis. S. A. Turhillin, Vest. khir. 101 no. 8 17-19 Ag '68.
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- Mechanism of the effect of CC14 on the liver. A. I. Grebennikova, Trudy Tadzh. med. inst. 70 76-83 '67.
- Meckel's diverticulum in a left strangulated inguinal hernia. S. N. Gensy, Khir. khir. no. 6 68-69 Je '68.
- Medical use of high-frequency physiotherapeutic agents (inductothermy, microwaves and ultrasound) in peptic ulcer and gastroduodenitis. Vop. kur., fizioter. i lech. fiz. kul't. 33 no. 5 424-431 S-O '68.
- Mesenteric cysts of the small intestine. A. A. Kharitonik, Khir. khir. no. 6 62-64 Ji '68.
- Method of treating carbuncles of the upper lip. M. M. Machlakov, Khirurgia 44 no. 9 134-135 S '68.
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- One-stage ileocoloplasty: experimental study. A. I. Morozov, Khir. khir. no. 6 37-40 Je '68.
- Operations for the construction of a direct anastomosis in esophageal atresia in newborn infants. A. A. Vanian, Vest. khir. 101 no. 8 103-104 Ag '68.
- Parenchymatous jaundice in surgical clinical practice. B. S. Rozanov, Z. A. Topchashvili, Khirurgia 44 no. 8 47-51 Ag '68.
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- Postganglionic neurotomy in chronic algic pancreatitis. A. V. Smirnov, I. U. N. Gol'man, Khirurgia 44 no. 8 80-88 Ag '68.
- Prevention and treatment of postsurgical adhesions in organs of the abdominal cavity. F. A. Zhuk, Khir. khir. no. 6 47-52 Je '68.
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- Prevention of recurrences of pathological adhesions. I. U. M. Dedeo, Khir. khir. no. 6 52-58 Je '68.
- Radical operations on the stomach. V. A. Ivanov, V. A. Goldin, Khirurgia 44 no. 8 69-72 Ag '68.
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- Repeated emergency laparotomy following abdominal peritoneal and abdominal operations for cancer of the rectum and large intestine. A. N. Ryzhikh, I. U. M. Miturov, Khirurgia 44 no. 9 21-27 S '68.
- Repeated operations on the stomach in gastroduodenal ulcers. I. K. Pipka, Khirurgia 44 no. 8 83-85 Ag '68.
- Resection of the right lobe of the liver: report on 12 operations. J. L. Lortat-Jacob, F. Fekete, R. Gluif, Khirurgia 44 no. 8 19-25 Ag '68.
- Roots of the human lymphatic system in chronic plethoria and cirrhosis. E. G. Bolko, Arkh. anat., gist. i embr. 55 no. 8 53-57 '68.
- Seasonal periodicity and course of gastric ulcer in the workers of Caspian steam navigation. T. M. Dzhafarov, A. G. Askarov, Azerb. med. zhur. 45 no. 9 48-52 S '68.
- Some current problems in treating the sequelae of chemical burns of the esophagus and their complications. G. G. Shneider, Khirurgia 44 no. 9 108-111 S '68.
- Some problems in the diagnosis and treatment of acute intestinal invagination in infants. V. S. Topuzov, Khir. khir. no. 6 18-21 Je '68.
- State of the biliary tract in epileptics at various stages of the disease. N. M. Solobov, N. A. Sofienko, A. II. Sarkisova, Fiziol. zhur. (Ukr.) 14 no. 5 639-646 S-O '68.
- Strangulation of the appendix and veriform process in a left inguinal hernia in a 2-year-old child. V. G. Gladun, Khir. khir. no. 6 68 Je '68.
- Structure of the ileocaecum in the light of the pathogenesis of coloproctitis. E. I. Gromova, Sbor. nauch. rabot. Arkhkhaz. gos. med. inst. 1 257-267 '64.
- Study of the processes of cutting the tissues of the alimentary canal. G. V. Astafiev, Trudy VNIKHAI no. 7 40-50 '67.
- Surgical tactics in acute and chronic discoiditis. V. D. Fedorov, Vest. khir. 101 no. 9 81-86 S '68.
- Surgical decompression in intestinal obstruction originating in the large intestine. O. I. Vinogradov, Khirurgia 44 no. 8 135-139 Ag '68.
- Surgical treatment of late complications following resection of the stomach. A. A. Rusanov, Khirurgia 44 no. 8 72-78 Ag '68.
- Surgical treatment of rectal cancer in elderly patients. A. I. Khochovnikov, V. I. Golubinskii, V. M. Chashin, Khirurgia 44 no. 8 129-132 Ag '68.
- Synchronous extripation of the rectum for cancer. A. M. Ryzhikh and others, Khirurgia 44 no. 8 122-129 Ag '68.
- Tactics and methods of X-ray examination in esophagogastric and esophagobronchial fistulas. I. Kh. Rakhimov and others, Vest. med. zhur. 45 no. 9 8-12 S '68.
- The rotary syndrome. V. G. Bagulin, Vest. khir. 101 no. 8 120-121 Ag '68.
- Treatment of elastic ligaments of the anastomosis following resection of the cardia or total gastrectomy. V. I. Plotnikov, Vest. khir. 101 no. 8 1-8 Ag '68.
- Trochanteric hernia combined with inflammatory tumor of the mesentery of the small intestine. P. F. Zinov'ov, A. V. Kuzovskii, Khirurgia 44 no. 9 134 S '68.
- Vessels of the small intestine in rabbits following its lesion by metastases of the Brown-Pearce tumor. L. I. Rassokhina-Volkova, Arkh. anat., gist. i embr. 55 no. 8 75-78 '68.

## 610.3(211)—Cold frigid regions

Pathomorphology of the nervous system during colitis in infants under the conditions of the North. N. A. Liubak, Sbor. nauch. rabot. Arkhkhaz. gos. med. inst. 1 342-352 '64.

## 610.3(471.1)—Northern R. S. F. S. R.

Intestinal Protosoa in the population of the Bakhchevskaya Tundra of the Nenets National Area. T. V. Sorochenko, Sbor. nauch. rabot. Arkhkhaz. gos. med. inst. 1 390-105 '64.

## 610.314 Teeth. Dentistry. Odontology

Pathology of the dentition of the lower wisdom teeth. L. N. Khatunova, Sbor. nauch. rabot. Arkhkhaz. gos. med. inst. 1 288-286 '64.

## 610.4 Hemopoietic, lymphatic, endocrine systems

Adrenocortical function in suppurative peritonitis. I. I. Skulin, A. B. Polozov, Khirurgia 44 no. 9 41-48 S '68.

Bioelectric potentials of the skin in patients with endocrine disorders. K. A. Dzhabarov, Dokl. AN Azerb. SSR 24 no. 7 83-86 '68.

Changes in the intragastric lymphatic system of the human stomach following its lesion by a cancerous neoplasm. E. B. Saf'yanikova, Arkh. anat., gist. i embr. 55 no. 8 70-75 '68.

Characteristics of the course of infectious anemia following the removal of the spleen in rats with different types of their nervous systems. S. I. Volk, Zh. A. Kruchenko, Vyssh. nerv. delat. v norm. i patol. 2 134-140 '67.

Chyle reflux and chyluria. A. A. Troshkov, D. D. Zerbino, Khirurgia 44 no. 9 111-115 S '68.

Clinical aspects and pathology of thymic tumors and cysts. I. A. L. Rapoport, R. S. Kolesnikova, Giid. khir. 7 no. 3 93-99 My-Je '65.

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Endocrine disorders occurring after massive hemorrhaging during labor. S. P. Pasha, Akush. i gin. 41 no. 4 102-106 Ji-Ag '68.

Formation of a collateral lymph flow in surgical treatment of portal hypertension and cirrhosis of the liver. I. A. Makhlanov, Arkh. anat., gist. i embr. 55 no. 8 79-84 '68.

Function of the adrenal cortex in endarteritis obliterans and the dynamics of its changes under some methods of treatment. Z. M. Mamedov, F. M. Mir-Salimov, Azerb. med. zhur. 45 no. 9 3-7 S '68.

Functions of the sexual glands in women of childbearing age suffering from uterine myoma. N. A. Kalantayeva, Akush. i gin. 41 no. 5 46-51 S-O '66.





Experience in control of osteoarticular tuberculosis in Ternopol' Province. G. I. Utkin and others. Probl. tub. 43 no 12-7-9 '65

## 616.8 Neurology. Neuro- and psychopathology

Basic causes of changes in acid-base equilibrium during neurosurgical operations. L. S. Snenchakova and others. Vest. AMN SSSR 21 no 10 78-83 '68.

Bioclectric cerebral activity in preschool-age children with cerebral paralyses. N. V. Petryshchenko. Fiziol. zhur. (Ukr.) 11 no 5 618-624 S-O '68

Cerebral glicolysis following stimulation of the central nervous system. I. A. Epshtein, A. M. Maksimova. Trudy Tadz. med. inst. 76 43-51 '67.

Changes in the intercephalic unconditioned reflexes under conditions of cooling and heating the gastric receptors. A. G. Dadashov, A. M. Rakhil'kina. Trudy sek. fiziol. AN Azorb. SSR 9:25-30 '67

Characteristics of exercise therapy in patients with postinsult motor disorders in the early stage of the disease. G. P. Tkacheva. Vop. kur., fizioter. i lech. fiz. kul't. 33 no 5 388-402 S-O '68

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- Soviet radio goods in Warsaw. I. U. Nagrodskii. Vnesn. tor. 46 no. 12:43-44 '68.

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# 621.395 Radiocommunication

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# 621.397 Facsimile Television

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Analysis of processes on the target of a vidicon with a beam of fast electrons (stationary beam). Part 2. N. A. Lavrinovich, S. G. Epshteyn, Prikl. i sist. avtom. no. 6 83-88 '67

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# 621.398 Telecontrol. Telecontrol

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# 621.4 Internal combustion and other special engines

[Aircraft and rocket engines] Ref. zhur., Izv. i raket. dvig. no. 10 O '68

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# 621.43 Internal combustion engines

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Efficiency of a supersonic turbine stage without bandage in case of a low intake degree. V. D. Levenberg, Energomashinostroye 14 no. 5 40-41 My '68

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Temperature control of stationary gas turbine units using low-inertia MTRT regulators. V. P. Marchevskii, Energomashinostroye 14 no. 5 37-39 My '68

Temperature stresses in cylinder elements of gas turbines during stationary and transient modes of operation of gas turbine systems. A. S. Seinenov, A. V. Antonovich, V. I. Usenko, Izv. vyz. ucheb. zav., energ. II no. 9 46-53 S '68

Two failures occurring in the TE3 diesel locomotive. N. T. Terent'ev, Elek. i tepl. tizna 12 no. 9 20-30 S '68

# 621.45 Rocket and jet engines

On rot. call. F. Khalitulin, N. Mol'nikov, Mol. komm. no. 9 11-17 '68

# 621.5 Pneumatic energy. Machines. Refrigeration. Heat pumps

Calculating dynamic loads on the shaft of subsurface centrifugal pump during its start-up. N. F. Ivanovskii, Mash. i nef. obor. no. 6 34-37 '68

[Chemical and refrigeration machinery manufacture] Ref. zhur., Khim. i khol. mashinost. nos. 8-9 Ag-S '68

Cooler for cement. L. P. Bush, Tsent. 32 no. 3 17-18 My-Je '68

Cryostat with controlled cooling temperature. I. U. V. Piguzev, V. I. Akunchikov, Zav. lab. 14 no. 9 1150-1151 '68

Effect of the parameters of natural gas on the characteristics of centrifugal superchargers. S. N. Simitsyn, I. V. Barlaov, E. V. Leonov, Trudy VNIIGaz no. 29 37-253-261 '67

Evaluating the performance of piston compressors. P. P. Frolov, V. T. Dmitriyev, I. U. N. Miniaev, Izv. vyz. ucheb. zav.; gor. zhur., II no. 8 128-130 '68

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Problems in the theory of geared air motors. V. D. Ziraev, Izv. vyz. ucheb. zav. i goi. zhur., II no. 6 78-84 '68

Repeating the oil pump body of the VU-05/7 compressor. V. Suboch, Stroi. truboprov. II no. 7 31 II '68

Unit for draining water from trenches. A. I. Gidler, Mekh. stroit. 25 no. 5 23-24 My '68

# 621.6 Fluid distribution. Storage containers. Pipes. Pumps

Abrasive wear of internal walls of pipes. V. V. Kuznetsov, Trudy VNIIGaz no. 20 77-231-235 '67

Achievements and future prospects in the field of deep-well pumps. T. M. Ruslanov, Mash. i nef. obor. no. 7 7-10 '68

Address of the activists to all workers, engineering (technical) personnel, and employees of the organization and enterprises of the Ministry of the Gas Industry. Stroi. truboprov. II no. 10 1-3 O '66

Aiming for new achievements in construction in the gas and petroleum production industries. K. K. Smirnov, Stroi. i obor. no. 11 1-5 N '68

All-Union conference on the industrialization of oil and gasfield and pipeline construction. A. F. Murav'ev, Stroi. truboprov. II no. 10 37 O '66

Approximate estimates of changes in hydraulic and cavitation properties of centrifugal pumps. S. A. Filippovich, Energomashinostroye 14 no. 5 54-47 My '68

Asbestos-cement pipes should be more widely used for gas pipelines. M. I. Cheteln, Stroi. truboprov. II no. 10 10-11 O '66

Assembly of metal shells of turbine water supply pipes at the construction site of the Bukhtarma Hydroelectric Power Plant. V. V. Mikhailovskii, Energ. stroit. no. 19 51-55 '60

Calculating the capacity of a gas pipeline and spacing of compressor stations for the nonequilibrium flow of an imperfect gas. Z. T. Galullin, R. I. Khrushchev, I. G. Khodanovich, Trudy VNIIGaz no. 29 77-120-121 '67

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Calculation of flow at a guiding apparatus outlet of centrifugal and axial pumps. O. V. Babakov, Vest. mashinost. 48 no. 6 40-44 Je '68

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Characteristics of the stressed state of a pipeline during its laying in broken terrain. I. A. Z. Skomarovskii, V. V. Pashukov, Stroi. truboprov. II no. 10 25-26 O '66

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Construction of pipeline crossings under railroads. I. N. Oshachenko, Stroi. truboprov. II no. 10 32 O '66

Deep-well pump drives for the exploitation of dual-bore wells. S. M. Gidlev, Mash. i nef. obor. no. 7 3-7 '68

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Determining locations of obstructions and leakages on the basis of pressure drops when end points of a gas pipeline are pressurized. M. N. Abdullayev, Trudy VNIIGaz no. 29 37 175-180 '67

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Determining the degree of consolidation of pipeline walls. R. I. Tuvashernya, M. A. Rudinskii, Mon. i spets. rab. v stroit. 20 no. 2 22-25 F '67

Developing the technology for a single-thickness thermal hardening of welded gas and petroleum pipelines in low carbon steel. Z. N. Krasnoluchikov and others, Met. i gornorud. prom. 9 no. 5 39-41 S-O '68



- Disengaging device for running down a liner in the drilling shaft. E. Kh. Mokhtov and others. Mash i neft obr. no. 6:16-18 '68.
- Effectiveness of using automatic emergency shutoff devices in pipelines. M. N. Abdullin. Trudy VNIIGaz no. 29/37 170-175 '67.
- Experience in isolating upper drowned layers with the use of vinylplastic pipes. A. M. Kuzina, V. A. Shumilov. Neftoprom delo no. 9:11-12 '68.
- Experimental studies of true gas content and hydraulic resistance of gas-liquid flows in horizontal and inclined pipes. V. A. Mamaev, G. E. Odishariia. Trudy VNIIGaz no. 29/37 193-215 '67.
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- Influence of stress concentrators on the strength of turbomachine rotor disks. V. T. Goryshchikov, V. K. Khizhniak. Sbi. trud. IGMTK no. 10:156-164 '67.
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- Integral-filtration sampling device for high-pressure gas pipes. K. I. Gromova, V. A. Koshelov, A. L. Saltikov. Trudy VNIIGaz no. 29/37 201-203 '67.
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- Leakage of compressed air depending on pressure and velocity. L. N. Arkhangelskii, I. A. Chuev. Sbi. trud. IGMTK no. 10:113-120 '67.
- Lengthening the time between the overhauls regarding artesian pumps in mining enterprises. P. E. Zhurkov and others. Izv. vys. ucheb. zav. i gos. zhur. no. 9:104-107 '68.
- Local device for the automatic control of the operation of a deep-well pump unit. A. A. Abul'baev, O. M. Ryskii. Mash i neft obr. no. 7 21-27 '68.
- Mechanism for winding and cleaning welding wire. Stroitel'noy inzh. no. 10 34-35 O '66.
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- Nature and basic reasons of wear for sludge pumps. I. U. Kiriilenko. Trudy NPI 171:63-67 '67.
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- Nonstationary gas flow in a circular high-pressure gas pipeline. Z. T. Galullin and others. Trudy VNIIGaz no. 29/37 17-23 '67.
- Once more on the testing of city gas mains. V. A. Smirnov, V. A. Kamnitshev. Stroitel'noy inzh. no. 10 34 O '66.
- Perfecting the construction of pipes for the exploitation of wells. M. A. Guseinov. Mash i neft obr. no. 7 11-15 '68.
- Possibilities for the transportation of elongated pipes on railroads. P. D. Chausov, L. A. Grigor'ev, A. I. Pakhomov. Stroitel'noy inzh. no. 10 9-10 O '66.
- Possibilities for using the ASDP-500G unit for the automatic welding of pipelines. A. S. Pal'kevich and others. Stroitel'noy inzh. no. 7 13-16 O '66.
- Power index for the pumping method of well exploitation. A. A. Bogdanov, A. D. Karakov. Mash i neft obr. no. 7 34-37 '66.
- Pressure pulsation in the working chamber of a controlled impeller pump. V. I. Engel'. Izv. vys. ucheb. zav. i gos. zhur. no. 8 125-127 '68.
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- SE diode for electrodes. A. V. Leonovich, V. P. Zaver-tailo. Stroitel'noy inzh. no. 7 39 JI '66.
- Shrinkage deformations in cement and polymer-cement protective coatings on internal surfaces of metal pipes. O. A. Gernberg, V. V. Nesterov. Stroitel'noy inzh. no. 10 22-25 O '66.
- Simultaneousness coefficient of mine pneumatic mechanisms. L. N. Arkhangelskii. Sbi. trud. IGMTK no. 10 127-130 '67.
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- Spiral-seam pipes for pipelines. N. M. Pokrovskii, V. N. Pokrovskii, E. V. Velr. Stroitel'noy inzh. no. 10 4-5 O '68.
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- Temperature regimes of multilayer gas pipelines. Z. T. Galullin, B. I. Klyushin, I. E. Khodanovich. Trudy VNIIGaz no. 29/37 101-115 '67.
- TKUS-1 unit for resistance welding of oil- and gas-field pipelines. M. K. Kamayev. Stroitel'noy inzh. no. 7 28-29 JI '66.
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- Universal throttle control devices for impure liquids of crystallizing solutions and pulps. I. S. Chernyi, Khim. prom. no. 44 no. 10:785-789 '68.
- 621.6(437)—Czechoslovakia  
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- 621.6(471.310)—Moscow City  
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- 621.6(471.41)—Tatar A. S. S. R  
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- 621.6(571.12)—Tyumen' Province  
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- 621.6(571.6)—Soviet Far East  
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- 621.6(575.1)—Uzbek S. S. R.  
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- Laying an underwater pipeline across the Anau Darya River. V. V. Bozduk, I. I. Mal'kov. Stroitel'noy inzh. no. 7 26-28 O '66.
- 621.7 Workshop practice. Plastic working, forming  
Efficiency and accuracy of electrochemical dimensional machining. E. Ia. Godzinskii. Fiz. i khim. obr. mat. no. 5:52-58 S-O '68.
- 621.72 Pattern- and diemaking  
Dies from plastics. L. S. Volkovitcher. Lit. protz. no. 9:34-36 S '68.
- 621.73 Forges. Forge and hammer work  
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- Selection of blanks for parts of the ring and bushing type. A. E. Zhendrin, B. A. Golovanevskii. Vest. mashinost. no. 48 no. 4:86 Ap '68.
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- Using high speed in press-working of metals. A. Kostava, A. Tokarev. Prom. Arm. no. 10 no. 8:55-59 '68.
- 621.73(575.1)—Uzbek S. S. R.  
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- 621.74 Foundries. Foundry work  
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- Automatic control of heat processes in a coke-gas fired cupola. O. M. Kryzhanovskii, V. Ia. Soltyk, A. K. Iatsenko. Izv. vys. ucheb. zav. i chern. met. no. 9 170-175 '68.
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- Casibility of modified cast iron. M. M. Turbovskii. Lit. protz. no. 9:42-43 S '68.
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- Characteristics of electronic balances with a differential-transformer converter. V. I. Vrublevskii, K. S. Ravich. Lit. protz. no. 9:22-23 S '68.
- Characteristics of the hardening of castings from tin bronze. A. A. Ryzhikov, G. I. Timofeev, P. V. Lebedev. Lit. protz. no. 9:23-25 S '68.
- Cold-resistant cast steel of higher strength. I. E. Brainin and others. Lit. protz. no. 9:43 S '68.
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- Geometric model of molding sand. G. M. Gol'tshing, M. S. Izrail'son, V. D. Pepenko. Izv. vys. ucheb. zav. i mashinost. no. 3:166-171 '68.
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- Influence of polygonization on the relaxation resistance of iron castings, open for discussion. P. V. Novichkov, V. A. Perov. Lit. protz. no. 9:30-33 S '68.
- Influence of the charge on the process of cupola melting. V. N. Nizhegorodov. Lit. protz. no. 9:43 S '68.
- Influence of the composition and melting conditions of LK603L brass on its gas saturation. A. M. Pimenov, V. M. Chursin, I. U. V. Degtarev. Lit. protz. no. 9:6-7 S '68.
- Influence of the cooling rate on the properties of mottled cast iron. N. D. Chesnokov. Lit. protz. no. 9:9-10 S '68.
- Influence of the temperature parameters of casting on the quality of centrifugally cast bimetallic skelps. I. U. G. Solov'ev and others. Met. i gornorud. prom. no. 5:10-14 S-O '68.
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- Nitrate binders. I. S. Malushevich. Lit. protz. no. 9:15-16 S '68.
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- Processes in the H<sub>2</sub>O-SiO<sub>2</sub> system. A. A. Semonenko. Lit. protz. no. 9:34 S '68.
- Proportioning of metal in centrifugal casting. D. M. Krynskii, A. K. Iatsenko. Lit. protz. no. 9:41-42 S '68.
- Reducing the secondary oxidation of cable steel. A. G. Iabynovichi and others. Stal' no. 9:783-785 S '68.
- Residual stresses in pipes of semicontinuous casting. I. U. S. Ozimlin, B. M. Kazachkov. Lit. protz. no. 9:28-29 S '68.
- Sine-shaped driers for large cores. G. I. Kiolakina, M. I. Zhebin, S. A. Lokshin. Lit. protz. no. 9:17-19 S '68.
- Sieve on instruments for determining the shakeout properties of sand. I. U. P. Iakunin and others. Lit. protz. no. 9:37 S '68.
- Solidification of water-glass mixtures for CO<sub>2</sub> using preliminary thinning. I. P. Ronzhin, V. N. Portasovskii, V. A. Chechulin. Lit. protz. no. 9:14-15 S '68.
- Specialization of foundry production. M. Litchevskii. Plan. khoz. no. 45 no. 11:75-78 N '68.
- Steel casting with filling disks. I. U. S. Shatesitukov, A. N. Nikitin. Metallurg no. 9:20 S '68.
- Steel casting with heat-insulating materials. E. V. Katal, G. A. Khazin, A. I. Tshubnikov. Stal' no. 28 no. 9:789-790 S '68.
- Substitution of water for alcohol in ethyl silicate suspension. T. F. Chikina, A. K. Polshchuk. Lit. protz. no. 9:38 S '68.

# 621.74 (Continued)

Systems for automatic continuous proportioning of charges N. M. Dekhanov and others. *Stal'* 28 no. 9: 800-802 S '68.

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Two-position core semiautomatic machine, model 400 G. P. Golovachev. *Lit. protz.* no. 916-17 S '68.

Use of shell cores for thin-walled steel castings. E. S. Borisov, V. I. Roshehin. *Lit. protz.* no. 939 S '68.

Use of zirconium for increasing the surface purity of steel castings. N. N. Dneprenko. *Lit. protz.* no. 939-40 S '68.

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Vibration cleaning of castings. I. A. Balakin and others. *Lit. protz.* no. 920-22 S '68.

## 621.74(571.17)—Kemerovo Province

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# 621.75 Toolmaking, Gauging, Fitting, Assembling

Analysis of the aggregate error in turning. I. S. Solonin, V. S. Mashinost. 48 no. 8:51-54 Ag '68.

Calculation of interference fits in case of a simultaneous action of torque and bending moments. E. I. Bozner, Vest. mashinost. 48 no. 8:36-37 Ag '68.

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Tolerances for large gear wheels. G. K. Chernikov, A. K. Sidorenko. *Stand. i kach.* 32 no. 9:28-30 S '68.

# 621.762 Powder metallurgy

Effect of the additions of metal powders on the rate of topochemical reactions of the exchange type. V. N. Neustroeva, Trudy TGU 154:23-31 '62.

Increasing the durability of parts by spray-coating with plasma-arc welding. G. Kamalian. *Prom. Arm.* 10 no. 8:51-52 '68.

Recrystallization diagram of powder tungsten. S. A. Golovin and others. *Fiz. i khim. obr. mat.* no. 5:168-172 S-O '68.

# 621.77 Rolling

Behavior of metals at high rates of deformation. L. D. Sokolov. *Izv. vys. ucheb. zav., Chern. met.* 11 no. 9:11-13 '68.

Calculating metal hardening under plan strain. S. N. Vysokovskii. *Izv. vys. ucheb. zav., Chern. met.* 11 no. 9:101-104 '68.

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## 621.78 Heat treatment

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## 621.79 Various other kinds of metalwork

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## 621.791 Welding and allied techniques

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621.8 Power transmission. Materials handling Mechanical fixing, attachment. Lubrication  
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621.81 Machine elements  
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621.82 Transmission systems and parts  
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Use of ball bearing cages made of self-lubricating AMAN materials. N. A. Spitsyn, Vest. mashinost. 48 no. 4:47-49 Ap '68.  
621.83 Gears, cams, links, ratchets  
Calculating deformed and stressed states of flexible elements in wave transmissions. L. K. Gorelov, Vest. mashinost. 48 no. 6:24-28 Je '68.  
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Device for removing the pinions of electric traction motors. T. I. Admakin, Elek. i teplot. 12 no. 9:20-21 S '68.  
Distribution of clearances in the spindle subassembly of a planetary reducing mangle gear. V. K. Lobastov, N. S. Tsaplin, I. U. N. Chuplin, Izv. vyz. ucheb. zav., mashinost. no. 3:10-22 '68.  
Dynamics of the hoisting mechanism of a tower crane. L. M. Smirnov, Vest. mashinost. 48 no. 8:23-25 Ag '68.  
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Method for machining hyperbolic surfaces. N. P. Labazov, Vest. mashinost. 48 no. 6:52 Je '68.  
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Tolerances for large gear wheels. G. K. Chernikov, A. K. Sidorenko, Stand. i kach. 32 no. 9:28-30 S '68.  
621.85 Flexible transmissions and drives  
Determining the reduced number of chain links colliding with sprocket teeth. G. K. Rabinov, Vest. mashinost. 48 no. 8:10-18 Ag '68.  
621.86 Materials handling. Mechanical handling and hoisting equipment  
Materials for bearing surfaces of headframe pulleys. G. P. Kaulin, I. A. Korobov, N. G. Filatov, Izv. vyz. ucheb. zav. gor. zhur. 11 no. 8:109-111 '68.  
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621.86(433)—Federal Republic of Germany  
"Khaasla" packing machines. Stand. i kach. 32 no. 9:49 S '68.  
621.86(575.1)—Uzbek S.S.R.  
Cottonseed toades, I. Novitskii, O. Surkov, Ekon. i zhizn' 10 no. 8:35 Ag '68.  
With the help of pneumatics. N. Otukova, Ekon. i zhizn' 10 no. 8:35 Ag '68.  
621.87 Cranes and other hoisting mechanisms. Excavators, dredgers, etc.  
Complex dynamic systems of excavators. V. P. Lomakin, Izv. vyz. ucheb. zav. gor. zhur. 11 no. 9:85-100 '68.  
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Device for dismounting the upper frame of rotary ER-7AM and ER-7E excavators. D. Shapov, Stroimashprov. 11 no. 7:33 J1 '66.

621.87 (Continued)  
Erection of an unique floating crane. L. I. Mazo. Mont. i spets. rab. v stroi. 29 no. 2-6-8 F '67.  
Influence of a preliminary hardening of G13L steel on the resistance of bucket teeth on open-pit mine excavators S. F. Chukmasov, S. I. Babchenko. Met. i gornorud. prom. 9 no. 5-6-87 S-O '68.  
Influence of the path of soil digging on the performance of electric drive of hoisting and thrust mechanisms on single-bucket excavators K. V. Kibizov, N. G. Pereslegin. Izv. vys. ucheb. zav. gor. zhut. il no. 9 123-129 '68.  
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Some causes for breakdown of tires in pneumatic wheel excavators. A. V. Sokolov. Mekh. stroi. 25 no. 5 17-18 My '67.  
Some more about unreliability of end lever elements of the hoisting with locking load. F. M. Leiner. Bezop. truda v prom. 12 no. 9 19 S '68.  
Suspension of the button station of bracket jib cranes. N. B. Ostrovskii. Bezop. truda v prom. 12 no. 9 54-55 S '68.  
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Tractor-mounted hydraulic loader. N. F. Ostapchuk, A. V. Lyubynets. Prom. Bel. 11 no. 8 54-55 S '68.  
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621.87(477)—Ukrainian S. S. R.  
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621.87(571)—Asiatic R. S. F. S. R.  
Methods to improve the use of excavators in the areas of Siberia. V. I. Tkachenko, K. A. Kharanova. Mekh. stroi. 25 no. 5 2-3 My '68.  
621.88 Mechanical attachments and fixings  
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Coupling with conical clamp rings. B. Z. Motilisa. Vest. mashinostr. 48 no. 8 21-24 Je '68.  
Design of threaded joints operating under high temperature conditions. V. B. Zhukov. Vest. mashinostr. 48 no. 8 25-29 Ag '68.  
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Stress application, strength, and service life conditions of a universal joint on rolling-contact bearings of the 1300 blooming mill. V. M. Grebenik, E. K. Machits, V. D. Yedvin. Met. i gornorud. prom. 9 no. 5 73-75 S-O '68.  
Ultimate moment coupling. S. N. Kavevich. Prom. Bel. 11 no. 9 56 S '68.  
621.89 Lubrication. Friction reducing and increasing devices  
Effect of free alkalies and acids on the structure and properties of soft greases thickened with Vanaspa. V. V. Shitsyn, E. V. Aleev, B. N. Kartinin. Koll. zhur. 24 no. 1 75-79 Ja-F '62.  
Effect of lubrication on the wear resistance of splined joints. I. A. Talamikov. Vest. mashinostr. 48 no. 8 26-29 Je '68.  
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Friction coefficient as a single-valued function of contact temperature during friction in gases in vacuum. N. M. Klement'ev. Izv. vys. ucheb. zav.; mashinostr. no. 3 74-78 '68.  
Modeling of a plane problem of gas lubrication. I. I. Neshitailo. Izv. vys. ucheb. zav. prib. il no. 0 90-94 '68.  
Optimum values of friction moment. G. M. Ambokadze. Vest. mashinostr. 48 no. 4 38-39 Ap '68.

Protective properties of antifriction coatings depending on the type of lubricant. B. P. Atonov. Izv. vys. ucheb. zav.; mashinostr. no. 3 70-73 '68.  
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621.9 Tools. Machine tools. Machining  
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Designing form cutters. A. A. Mogilevets. Vest. mashinostr. 48 no. 6 61-63 Je '68.  
Device for the bending of pipes. V. N. Smirnov. Shkola i prolzv. 12 no. 9 57-63 S '68.  
Economic reform and the new prices for tools. Kh. Mansurova. Plan. khoz. 45 no. 11 43-50 N '68.  
Equipment for flame scarfing of surface defects in metals. M. S. Antshchenko. Metallurg. 13 no. 9 26-27 S '68.  
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On errors in measuring machine parts. B. M. Bazrov. Vest. mashinostr. 48 no. 8 54-56 Ag '68.  
Standardization of universal machine-tool attachments. M. G. Unnigun, K. I. Sokol'ski. Vest. mashinostr. 48 no. 4 80-84 Ap '68.

621.9(471.313)—Ryazan Province  
The competition gains momentum. N. Pavlink. Sov. profsoyuz. 21 no. 10 4-5 Q '68.

621.91 Roughing, planing, shaping, slotting. Milling. Filing. Ramping. Broaching  
Analytic method of calculating disk presses. V. M. Naumovich, A. I. Shum, A. V. Semonov. Izv. vys. ucheb. zav. gor. zhut. il no. 8 31-35 '68.  
Automation of relative displacements in the instrument-part system during machining of curvilinear contours. I. S. Zak, N. M. Karelin. Vest. mashinostr. 48 no. 6 53-58 Je '68.  
Calculating cutting speed corresponding to maximum output rate at a nonmonotonic relationship  $v \sim T$ . B. A. Kuzlov. Izv. vys. ucheb. zav.; mashinostr. no. 3 155-158 '68.  
Effect of cast iron structure on the durability of the cutting tool. A. P. Chudin. Vest. mashinostr. 48 no. 8 70-71 Ag '68.  
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Method for machining hyperbolic surfaces. N. P. Labazov. Vest. mashinostr. 48 no. 8 52 Je '68.

621.92 Abrading, abrasives. Grinding, polishing. Crushing, separating and mixing  
Abrasion of building materials due to abrasive jet. N. A. Moshchinskii, S. I. Obolin. Gidr. stroi. 38 no. 9 10-13 S '68.  
Advantage of using crusher-hopper units in ore mines. V. D. Titov. Izv. vys. ucheb. zav. gor. zhut. il no. 9 15-21 '68.  
Automatic control of the cycle of wet grinding. L. A. Reibman. Trudy VNIIG no. 48 159-165 '68.  
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With the help of diamonds. V. S. Safonov. Prom. Bel. 11 no. 9 11 S '68.

621.94 Lathes and lathe work. Turning  
Analysis of the aggregate error in turning. I. S. Solzhen Vest. mashinostr. 48 no. 8 51-54 Ag '68.  
Cutting forces in machining titanium alloys by cup-shaped cutters. L. K. Kuchma, A. E. Adam. Vest. mashinostr. 48 no. 4 68-69 Ap '68.  
Kinematics of cutting and the firmness of circular self-rotating cutters. V. A. Zemlinskii. Vest. mashinostr. 48 no. 6 70-73 Je '68.  
Precision of shape in a longitudinal section during the boring. A. I. Guiovech, V. I. Rassoldin, M. F. Iudovskii. Vest. mashinostr. 48 no. 4 62-64 Ap '68.  
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A woodworking lathe. A. S. Merdygoyev. Shkola i prolzv. 12 no. 6 27-35 Je '68.

621.95 Drills and drilling. Reaming. Centering  
Distribution of stresses on the cutting edges of a hollow drill. M. Fagradan. Prom. Akm. 10 no. 8 53-55 '68.  
Simplified method of calculation in the work on jig boring machines. V. V. Adamchik. Prom. Bel. 11 no. 9 52 61 S '68.  
Two-component drilling dynamometer with changing ranges of measurable cutting force component. V. A. Bolrovskii. Vest. mashinostr. 48 no. 8 45-47 Ag '68.

621.96 Perforating. Blanking. Shearing. Cleaving  
General design of a mechanical multiple-frequency vibrator. E. S. Makarov. Izv. vys. ucheb. zav.; mashinostr. no. 3 29-32 '68.

621.97 Hammers. Presses  
Assembling a 2000-ton press. L. K. Zebreg, G. Pakhalov. Mont. i spets. rab. v stroi. 29 no. 2 9-11 F '67.  
Basic trends in improving the repair system of technological equipment. M. O. Iakobson, S. G. Kobzishnikov. Vest. mashinostr. 48 no. 8 76-78 Je '68.  
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Remote-type tracking hydraulic amplifier. V. P. Koshelov. Vest. mashinostr. 48 no. 8 61 Je '68.

621.98 Sheet metal working, bending machines  
New technology and properties of low-carbon nonaging sheet steel. D. A. Smolarenko, A. I. Boyadkin. Izv. vys. ucheb. zav.; Chern. met. il no. 9 69-73 '68.  
Properties of parts following high-speed die stamping. N. V. Tchernat and others. Izv. vys. ucheb. zav.; Chern. met. il no. 9 156-158 '68.  
Shifting of the clamping roller on roll-spinning machines. V. I. Zaleskii and others. Izv. vys. ucheb. zav.; Chern. met. il no. 9 128-131 '68.

621.99 Screw (thread) cutting  
Determining the torque in bevel gear cutting. A. I. Isayev, E. M. Berlner. Vest. mashinostr. 48 no. 8 55-58 Ag '68.  
Dimensions of hollow blanks for thread rolling. I. G. Proskuriakov, Z. G. Alimbekov. Vest. mashinostr. 48 no. 8 66-69 Je '68.  
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621.99 (Continued)  
Improvement of threading by chasers of sleeve-threading chucks. Ch. G. Balramov. Za tekhn. prog. 5 no. 6 30-33 Je '68.  
Wear resistance of thread-milling cutters in threading of tool joints. S. A. Kuliev, M. R. Shneiderov, I. A. Shit-nuk. Za tekhn. prog. 5 no. 6 28-30 Je '68.

## 622 Mining and mineral dressing

Concrete with active fine aggregate. I. V. Vol'k, I. P. Nofel'd, I. I. Poyoshin. Sbor. nauch. tr. Donpromstroiiproekt no. 5 98-103 '65.  
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622.3 (Continued)

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622.3(471.52)—Bashkir A. S. S. R.

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622.3(471.53)—Perm Province

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622.3(471.0)—Northern Caucasus

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622.3(471.62)—Krasnodar Territory

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622.3(471.63)—Slavopoli Territory

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622.3(471.68)—Chochen-Ingush A. S. S. R.

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622.3(476)—White Russian S. S. R.

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622.3(477)—Ukrainian S. S. R.

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622.3(477.6)—Donets Basin

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Reliable means for increasing mine capacity. O. Suslov. *Ikon. Rad. Ukr.* 10 no. 8:40-41 Ag '68.

622.3(470.24)—Azerbaijan S. S. R.

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## 622.3(571)—Asiatic R. S. F. S. R.

First experience in the transportation of pipes and machinery by airplanes. M. K. Arizomov and others. Stroil tuboprov. II no. 7:21-23 '66.

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## 622.3(571.12)—Tyumen' Province

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## 622.3(574)—Kazakh S. S. R.

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## 622.3(575.1)—Uzbek S. S. R.

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## 622.3(575.4)—Turkmen S. S. R.

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## 622.3(59)—Australia (Commonwealth)

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## 622.4 Mine services, installations, equipment

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Synthesis of an analytical self-adaptive system of optimal control of the ventilation of mines. A. A. Volkov. Prikl. i sist. avtom. no. 6:94-102 '67.

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## 622.4(471.55)—Chelyabinsk Province

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## 622.4(477)—Ukrainian S. S. R.

New method of replacing the shaft lining at the "Kommunar - Pobeda" Mine. A. I. Rudenko and others. Shakh. stroil. 12 no. 9:21-22 '68.

## 622.4(470.22)—Georgian S. S. R.

Chemical analytical characteristics of the formation waters of Norio and Kavtiskhevi. E. G. Davitashvili and others. Trudy tsil. khim. AN Gruz. SSR 15:41-56 '61.

## 622.5 Mine water. Drainage. Unwatering

Analyzing operational conditions of a step-by-step drainage of deep mines with consecutively connected pumps. V. V. Mazurenko. Sbor. trud. IGMTK no. 19:97-107 '67.

Automation of step-by-step drainage. V. V. Mazurenko, P. F. Belikov. Sbor. trud. IGMTK no. 19:77-89 '67.

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Measure the purification of waste and mine waters. D. V. Lepoiak, I. A. Nazarov. Ugol' Ukr. 12 no. 9:53-54 '68.

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## 622.6 Haulage and handling. Hoisting. Winding

Analytical method for determining the zone of hydrate formation in a pipeline. Z. T. Gallullin, B. L. Krivosheina, G. G. Krymenkov. Trudy VNIIGaz no. 29/37:126-136 '67.

Calculating horizontal T-shaped gravity apparatuses. M. I. Korzhukhin, B. V. Deglarov. Trudy VNIIGaz no. 29/37:325-338 '67.

Calculating pressure changes in an unbounded water-bearing formation into which gas is injected through a group of randomly spaced wells. I. A. Charnyi and others. Trudy MINKHIMP no. 55:155-156 '65.

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Calculation of optimum regimes of a circular gas pipeline using the method of dynamic programming. Z. T. Gallullin and others. Trudy VNIIGaz no. 29/37:23-32 '67.

Classification of flowsheets for piling at excavator dumps. N. I. Fedorlak, Izv. vys. ucheb. zav. gor. zhur. II no. 9:7-11 '68.

Comparative evaluation of devices for measuring the temperature of underground gas pipelines. K. S. Zarembo, V. P. Akhmedov, N. M. Pavlova. Trudy VNIIGaz no. 29/37:180-187 '67.

Comparison and evaluation of the effectiveness of operating conditions of gas-pipeline compressor stations. S. N. Sinitsyn, I. V. Bartsev. Trudy VNIIGaz no. 29/37:261-265 '67.

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## 622.6(41)—United Kingdom and Northern Ireland

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## 622.6(471.52)—Bashkir A. S. S. R.

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## 622.6(471.66)—Chechen-Ingush A. S. S. R.

Experience in the operation of a high-pressure system of simultaneous gathering and transportation of oil and gas. P. Serababin. Neftanik 13 no. 9:25-27 Ag '68

## 622.6(574)—Kazakh S. S. R.

Use of new equipment calls for amendments. M. Sultanbikov. Sots. trud. 13 no. 9:60-62 '68

## 622.7 Mineral dressing. Ore preparation

Absorption of aliphatic amines by potassium chloride from solutions containing n-gallicaceous slimes. E. E. Litvinenko, Kh. M. Aleksandrovich, M. M. Pavluchenko. Dokl. AN BSSR 12 no. 8:706-709 Ag '68

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Concentration of sulfate potassium-magnesium ores by flotation. A. A. Zheleznin. Trudy VNIIG no. 48:72-85 '66

Concentration of minerals and workers in ore dressing plants. V. S. Plovko, A. I. Ivanenko. Met. i gornorud. prom. no. 4:94-98 Ji-Ag '68

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Obtaining coal granules by the pelletization method. N. S. Orlovskiy, I. M. Lazovskiy, M. G. Fol'dbrin. Podg. i koks. ugl. no. 2:185-193 '60

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Problems of the block layout of buildings in a coal preparation plant. S. I. Bagmut, A. F. Mamono, Z. P. Podkopayeva. Sbor. nauch. trud. Donpomstroiitpipeki no. 5:20-27 '65

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pH Value of sylvinitic suspension in the equilibrium state depending on discharges of hydrochloride soluble glass in ore dressing of Starobin deposit. B. G. Vaintraub, N. P. Minina, Z. G. Pyliko. Trudy VNIIG no. 48:44-49 '66

## 622.7(471.323)—Kursk Province

Production of iron ore concentrates containing 68%-69% of iron from lean iron quartzites of the Lebedi deposit in the Kursk Magnetic Anomaly under pilot-plant and industrial conditions. P. E. Ostapenko and others. Sbor. nauch. trud. Mekhanoobchermet no. 8:87-104 '67

## 622.7(471.53)—Form Province

Using hydrocyclones in the flowsheet of slime economy at the coal preparation shop of the Gubakha By-Product Coke Plant. V. P. Kurbatov and others. Podg. i koks. ugl. no. 2:171-179 '60

## 622.7(471.54)—Sverdlovsk Province

Screening of sinter in rotary screens at the "Vysokogorskaya" Sintering Plant. E. Z. Froldenzon and others. Stal' 28 no. 9:769-772 S '68

## 622.7(477)—Ukrainian S. S. R.

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622.7(477) (Continued)

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622.7(477.6)—Donets Basin

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622.7(477.9)—Crimea

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622.7(497.2)—Bulgaria

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622.7(571.63)—Maritime Territory

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622.7(574)—Kazakh S. S. R.

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622.8 Safety and health protection in mines. Accidents. Damage

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Behavior of false roofs in narrow-cut mining of coal along seams. P. I. Smaga. Ugol' Ukr. 12 no. 9:15-17 '68.

Bills for boring long boreholes in outburst-prone seams. P. I. A. Zastavenko, I. P. Chebotkov. Bezop. truda v prom. 12 no. 9:47-48 '68.

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Let all petroleum workers benefit from the work experience of the Stavropol'nei' oilmen. I. U. N. Ovisannikov. Bezop. truda v prom. 12 no. 9:26-27 '68.

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622.8(41)—United Kingdom and Northern

Ireland

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622.8(471.311)—Moscow Province

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622.8(477)—Ukrainian S. S. R.

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622.8(571.17)—Kemerovo Province

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623 Military and naval engineering and technology

623(4/0.104)—Capitalist countries of the world

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623.4 Ordnance. Guns. Service vehicles. Ammunition. War gases

623.4(404)—Switzerland

Shady transactions of the gun kings. G. Dragunov. Nov. vrem. 26 no. 9:27-28 '68.

623.4(73)—United States of America

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623.4(8)—South America

Latin America, the Pentagon, and the arms race. I. U. Chudin. Mezhdunar. zhurn. 15 no. 12:61-70 '68.

623.461 Projectiles. Shells. Bombs. Guided missiles

Members of the Komsomol on roll call. F. Khaturlin. Komm. vooruzh. sil. 49 no. 10:36-41 My '68.

"Petroleum bombs" of the Middle Ages. K. Kostin. Neftianik. 13 no. 8:36-37 Ag '68.

623.464 Mines. Nuclear and atomic weapons

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623.6 Field engineering equipment, operations. Works. Buildings. Bridges. Communications

623.6(507.7)—North Vietnam

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624 Civil, structural engineering

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- 624.1 Earthwork. Foundations. Substructures. Tunneling
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- Breaking characteristics of rocks adjacent to unsupported underground workings. V. A. Isoslovich, V. I. Shoinin. Shor. trudy, NIIsoy 57:154-159 '67.
- Calculating the circular lining for uneven external load. A. N. Dranovskiy, V. A. Iytkin, TS. Gomos. Shor. trudy, NIIsoy 57:139-147 '67.
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- Calculation of soil lateral pressure on the vertical face of a retaining wall considering its deformation and displacement. V. F. Raluk. Gidr. stroitel'noy, 38 no. 9:35-40 S '68.
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- Construction and design of lining for high-pressure hydraulic tunnels. G. G. Khachikyan. Gidr. stroitel'noy, 38 no. 9:49-50 S '68.
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- Depth packing of loess grounds. V. I. Zimla, D. A. Trifonov-Iakovlev. Mekh. stroitel'noy, 25 no. 5:8-9 My '68.
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- 624.1(471.310)—Moscow City
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- 624.1(471.41)—Tatar A. S. S. R.
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- 624.2(471.310)—Yaroslavl Province
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- 624.2(471.44)—Saratov Province
- How to prolong the life of metal bridges. V. Vol'nov. Zhil. i kom. khoz. 18 no. 12:17 D '67.
- 625.1 Railway engineering. Equipment and track
- Analytical calculation of existing railroad curves. I. P. Marunch. Trudy TSNIIS no. 63:92-117 '67.
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## 625.2(571.53)—Irkutsk Province

Cradle of creative search. R. Lutsav. Sov. profsoyuz. 24 no. 16 6-7 '68.

## 625.3 Railways of special construction

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## 625.7(4/0.104)—Capitalist countries of the world

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## 625.7(571)—Asiatic R. S. F. S. R.

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## 625.7(574)—Kazakh S. S. R.

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## 625.7(575.1)—Uzbek S. S. R.

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## 625.7(63)—Ethiopia

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## 625.7(72)—Mexico

Construction of highways, bridges, and transportation systems in Mexico. V. E. Khorre. Gor. khoz. Mosk. 42 no. 9 33-38 '68.

## 625.8 Paving of roads. Wearing surfaces

Effect of hardening conditions on thermal stresses in fresh-laid concrete. L. T. Iakovlev, A. P. Burdin. Trudy Un. druzh. nar. 34 162-170 '68.

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## 626 Hydraulic engineering and construction work

Activity of the Department of Hydraulic Engineering of the Central Board. Gidr. stroi. 38 no. 9 34-35 '68.

Conference on the calculation methods of the general stability of navigational hydraulic structures. V. S. Khristoforov. Gidr. stroi. 38 no. 9 58-60 '68.

## 626.1 Inland waterways. Canals, etc.

Repair of hydraulic structures by gunning. O. V. Mel'nikov. Gidr. stroi. 38 no. 9 20-22 '68.

Strain analysis of continuous slope reinforcement under wave uplift force. V. S. Shafran. Gidr. stroi. 38 no. 9 13-16 '68.

## 626.4 Locks. Sluices. Gates

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## 626.4(477)—Ukrainian S. S. R.

Rolling metal formwork for water conduit galleries of a lock. V. A. Shaght. Enig. stroi. no. 19 45-47 '62.

## 626.8 Agricultural hydraulics

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## 627 Natural waters and channels. River, port, harbor, and coast works. dams, etc.

Expediency in using polymeric materials in water supply engineering. O. A. Lidsnik. Stroi. i arkh. Uzb. 9 no. 9 38-39 '68.

## 627.1 Natural inland waters

Effect of river turbidity on the general form of its bed. B. V. Petrov. Trudy Un. druzh. nar. 34 195-208 '68.

## 627.3 Port installations, equipment. Dockyards, quays, etc.

Using generalized influence lines in calculating harbor hydraulic structures. V. N. Rengach. Transp. stroi. no. 11 58-59 '67.

## 627.4 Improvement of rivers, streams. Protection. Training works

Calculation of changes in the concentration of polluting substances in rivers. A. M. Aitman, I. A. Velnov, I. I. Paul. Gig. i san. 33 no. 11 9-15 '68.

## 627.4(471.311)—Moscow Province

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## 627.4(470.24)—Azerbaijan S. S. R.

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## 627.5 Flood and coast protection works. Dikes. Draining and reclamation

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## 627.8 Dams. Large reservoirs and barrage dams. Hydraulic power plant works

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627.8(471.51)—Udmurt A.S.S.R.

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627.8(477)—Ukrainian S.S.R.

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627.8(478.22)—Georgian S.S.R.

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627.8(479.25)—Armenian S.S.R.

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627.8(574)—Kazakh S.S.R.

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627.8(575)—Central Asia

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627.8(575.1)—Uzbek S.S.R.

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## 628 Public health engineering

Air pollution on main highways with photooxidation agents at the level of different floors of apartment houses. I. U. G. Peldman, F. F. Lampeit. Gig i san. 33 no. 11:89-91 N '68.

Persistent introduction of the new equipment is everybody's duty. Zhil. i kom. khoz. 19 no. 9:1-2 S '68.

## 628.1 Water supply. Waterworks

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628.1(211)—Cold frigid regions

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628.1(574)—Kazakh S.S.R.

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628.1(575.1)—Uzbek S.S.R.

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## 628.2 Sewerage. Sewers

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## 628.3 Sewage purification, etc.

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628.3(470)—European U.S.S.R.

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631.8 (471.328)—Tambov Province

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Local method of applying basic mineral fertilizers to grain crops. E. P. Soldatenkov. *Khim. v sel'. khoz.* 6 no. 7:0-9 '68.

631.8 (474.3)—Latvian S. S. R.

Effect of mineral fertilizers of the crops of winter rye, barley and potatoes on the farms of Latvia. P. Barbalis. *Agrokhimia* no. 10:28-32 O '68.

631.8 (477)—Ukrainian S. S. R.

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631.8 (479.22)—Georgian S. S. R.

Effectiveness of the differential application of nitrogenous fertilization in vineyards of eastern Georgia. D. A. Vashakmadze. *Agrokhimia* no. 10:131-133 O '68.

631.8 (479.24)—Azerbaijan S. S. R.

Behavior of mineral and organic fertilizers in carbonate soils of Azerbaijan. K. M. Bragimov. *Agrokhimia* no. 10:69-65 O '68.

Photosynthetic activity and yielding capacity of eggplant crops depending on the application of fertilizers. D. A. Aliev. *Agrokhimia* no. 10:48-51 O '68.

631.8 (479.242)—Nakhichevan A. S. S. R.

Effect of molybdenum on the crops and nutritive value of alfalfa in Nakhichevan A. S. S. R. B. K. Shakuri, Z. A. Nadzhanova. *Agrokhimia* no. 10:61-67 O '68.

631.8 (479.25)—Armenian S. S. R.

Content of some chemical elements and radioactive isotopes in manure samples from different regions of Armenia. V. L. Ananin. *Agrokhimia* no. 10:83-103 O '68.

631.8 (571.16)—Tomsk Province

Role of the state farm laboratory in the system of the agrochemical service. N. F. Tiumentsev and others. *Khim. v sel'. khoz.* 6 no. 7:72 '68.

631.8 (571.81)—Amur Province

Physicochemical and mechanical properties of double superphosphate with different free acidity. N. A. Mashkova, M. F. Burmistrova. *Khim. v sel'. khoz.* 6 no. 7:26-27 '68.

631.8 (571.82)—Khabarovsk Territory

Effect of mineral fertilizers on the crops of spring wheat on meadow-brown soils of Khabarovsk Territory. M. N. Novikov. *Agrokhimia* no. 10:129-130 O '68.

631.8 (574)—Kazakh S. S. R.

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Study of the chemistry of preparation processes of acid and ammoniated concentrated and binary superphosphates based on Karatau flotation concentrated. M. N. Nabiev and others. *Uzb. khim. zhur.* 10 no. 1:3-7 '68.

631.8 (575.1)—Uzbek S. S. R.

Affect of fertilizers on potato crops in Uzbekistan. G. I. Abolina, D. Z. Fakhtullayev. *Agrokhimia* no. 10:134-136 O '68.

632 Crop damage and protection

Aftereffect of spring frosts on tulip leaves. T. P. Petrovskaya-Babanova. *Blud. Glav. bot. sada* no. 69:42-43 '68.

Fertilizers and lime for the control of Ascarid warts. I. M. Vodorikov. *Les. khoz.* 21 no. 5:60 '68.

Some factors affecting the harmfulness of tick beetles. G. T. Shavlov. *Vest. sel'. khoz. nauk (Kazakh)* 11 no. 9:33-38 Ag '68.

Winter hardiness and growth of introduced hybrid poplars in the southern forest steppe of the trans-Ural region. G. G. Vibe. *Blud. Glav. bot. sada* no. 69:86-88 '68.

632 (471.326)—Tambov Province

Effect of fertilizers on the susceptibility of Helianthus annuus to Sclerotinia Libertiana F. K. G. Kochenkova, S. G. Zhurbenko, P. V. Pollakov. *Khim. v sel'. khoz.* 6 no. 7:40 '68.

632 (471.5)—Ural regions

Complementary information on the control of Lymnobia monacha. N. K. Latyshev. *Les. khoz.* 21 no. 9:66-67 '68.

632 (471.62)—Krasnodar Territory

Ononastis quadra L. I. A. Nazarenko. *Les. khoz.* 21 no. 9:67-68 '68.

632 (476)—White Russian S. S. R.

Mosaic of tomatoes and cucumbers grown in open fields of White Russia. D. K. Ges. *Vestsi AN BSSR Ser. biol. nav.* no. 1:119-121 '68.

632 (477)—Ukrainian S. S. R.

Main insect pests of Phragmites communis Trin. in the flooded plain meadows of the lower Dnieper valley. V. A. Lavinaki, G. P. Okstutich. *Vest. zool.* 2 no. 4:34-37 '68.

632 (574)—Kazakh S. S. R.

Sphenoptera montana B. Jak in southern Kazakhstan. S. T. Palkov. *Vest. sel'. khoz. nauk (Kazakh)* 11 no. 8:107-108 Ag '68.

632 (575.4)—Turkmen S. S. R.

Resistance of some cotton varieties to Meloidogyne javanica. L. M. Shagalina. *Izv. AN Turk. SSR Ser. biol. nauk* no. 4:82-83 '68.

632.9 Crop protection. Pest control

Ascaridator quadridentatus Wesm. (Hymenoptera, braconidae) is a prevalent parasitic apple moth. A. A. Zlatanova. *Vest. sel'. khoz. nauk (Kazakh)* 11 no. 8:99-104 Ag '68.

Contributed use of microbiological preparations in pest control. M. V. Kalluga. *Ent. obozr.* 47 no. 3:450-453 '68.

Herbicides in control of Acropollen pteris. C. A. M. R. G. Zharkova. *Vest. sel'. khoz. nauk (Kazakh)* 11 no. 8:30-41 Ag '68.

New B lectins (phytohemagglutinins) including high-quality B lectin. M. I. Potapov. *Izv. AN SSSR Ser. biol.* no. 5:712-720 S-O '68.

632.9 (471.341)—Gorky Province

Preliminary data on the effect of weather on the effectiveness of using herbicides on millet sowings. I. V. Syroegin. *Sbor. rab. Gork. i Volzh. GIM* no. 4:65-66 '67.

632.95 Pesticides and control chemicals

Acaricidal and insecticidal activity of some organophosphorus compounds. S. A. Semenova, Z. Z. Golubova. *Khim. v sel'. khoz.* 6 no. 7:47 '68.

Effect of halogen phenoxycarboxylic acids on photosynthetic processes. D. I. Chikanikova, V. I. Kostina. *Khim. v sel'. khoz.* 6 no. 7:56-60 '68.



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Effect of phytocides of some plants on *Phytophthora*. T. V. Potova. Uch. zap. Nov. gos. ped. inst. 5:52-58 '67.

Effect of soybean on the growth of *Tetranychus urticae* Koch. G. D. Ivanova, P. V. Popov. Khim. v. sol'. khoz. 6 no. 7:41-43. 1c '68.

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Polarographic analysis of some defoliantes. E. A. Yek-sler, I. P. Tsukervanik. Uzb. khim. zhur. 6 no. 4:55-59 '62.

Pollution of reservoirs and water supply sources with pesticides. K. K. Brochinski, S. S. Gubenok, A. L. Burshtein. Gig. i san. 33 no. 11:69-72. N '68.

Residual quantities of DDT and hexa chlorane in food products. G. A. Kononova, L. V. Medvedeva, E. V. Matynheva. Sbor. nauch. trud. Novosib. NI san. inst. 15:100-104 '65.

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### 632.95(471.43)—Kuybyshev Province

Effect of simazine atrazine and propazine on weediness and the millet yield in steppe areas of the Kuybyshev Province. V. P. Kuzina. Khim. v. sol'. khoz. 6 no. 7:54-55. 1c '68.

### 632.95(477)—Ukrainian S. S. R.

Effectiveness of herbicides on sugar beet plantings in the southwestern forest steppe zone of the Ukraine. N. N. Matynovich. Khim. v. sol'. khoz. 6 no. 7:50-53. 1c '68.

### 632.95(470.24)—Azerbaijan S. S. R.

Testing of herbicides to control reed growing in drains. I. A. M. Abbasov. Khim. v. sol'. khoz. 6 no. 7:53-54. 1c '68.

### 632.95(571.15)—Altai Territory

Controlling the *Oenothera biennis* in the Altai Territory. I. A. Kovin, A. V. Gorynin. Les. khoz. 21 no. 9:65. 1c '68.

### 632.95(574)—Kazakh S. S. R.

Control of potato stem nematode under conditions of irrigation farming. S. P. Saf'janov, Z. S. Koboлева, V. G. Leikhtman. Khim. v. sol'. khoz. 6 no. 7:36-38. 1c '68.

### 632.95(575.1)—Uzbek S. S. R.

Effect of sevin and hexachlorocyclohexane on elm bark beetles. O. V. Erementsko. Khim. v. sol'. khoz. 6 no. 7:47. 1c '68.

### 633 Field crops. Industrial crops

Cell division in tobacco tissue culture. M. K. Pavlova. TSit. i gen. 2 no. 5:393-399. S-O '68.

Effect of the domestic chlorocholinechloride preparation named "TUR" on winter and spring wheat. F. A. Polimotova, L. K. Mamonov, E. L. Lukicheva. Vest. sel'khoz. nauki [Kazakh] 11 no. 8:80-86. 1c '68.

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Formation of pollen on wheat-Aegilops hybrids. V. I. Fursov, Zh. Zhuravskaya. Vest. sel'khoz. nauki [Kazakh] 11 no. 8:18-20. 1c '68.

Physiological varieties of orange leaf rust of wheat isolated in a number of provinces of the U.S.S.R. In 1955. A. N. Borisenko, G. N. Kulikova. Vest. sel'khoz. nauki [Kazakh] 11 no. 8:105-107. 1c '68.

Relations of regional yields of agricultural crops to meteorological factors. N. N. Zheltina. Trudy GMTS no. 9:77-87 '67.

Use of the results of land and air plane agrometeorological observations for the evaluation and forecast of the state of winter crops on large areas. G. I. Borisoglebskii, N. A. Vasin, V. A. Moiseichik. Trudy Len. gidromet. inst. no. 24:15-24 '68.

### 633(471.11)—Archangel Province

Application of microfertilizers to the barley fields of Archangel Province. N. G. Krasnoperov. Uch. zap. Nov. gos. ped. inst. 5:28-42 '68.

### 633(574)—Kazakh S. S. R.

Dependence of crops of the green corn mass on the meteorological conditions in Tselinograd Province. P. I. Khlebov, N. S. Vozzka. Vest. sel'khoz. nauki [Kazakh] 11 no. 8:25-28. 1c '68.

*Sphenopelta montana* B. Jak in southern Kazakhstan. S. T. Talibov. Vest. sel'khoz. nauki [Kazakh] 11 no. 8:107-108. 1c '68.

Study of the stock material of corn during the creation of hybrids for northern regions of Kazakhstan. Z. L. Sosunova, E. V. Pisareva. Vest. sel'khoz. nauki [Kazakh] 11 no. 8:20-25. 1c '68.

### 633(575)—Central Asia

Price policy is an important tool used by the Soviet state in increasing the economic incentives for growing cotton, 1921-1924. M. I. A. Perpet. Uch. zap. Tash. inst. nar. khoz. no. 33:74-84 '68.

### 633.1 Cereals. Corn. Grain crops

Accuracy of the calculation of the geological yield of spring wheat for forecasting purposes. K. V. Kiricheva, A. V. Protserov. Trudy Len. gidromet. inst. no. 24:3-14 '68.

Aeronautical and agrometeorological observations for the evaluation and forecasting of the status of grain crops on large areas. G. I. Borisoglebskii. Trudy GMTS no. 9:106-115 '67.

Checking of winter wheat potassium nourishment through analysis of plants and soil. V. I. Konstantinova, Agrokhimia no. 10:137-139. O '68.

Dependence of the formation of the yield of the vegetable mass of corn on agrometeorological conditions. I. I. Chirkov. Trudy Len. gidromet. inst. no. 24:31-41 '68.

Dependence of the yield of winter rye in Western Siberia on the reserves of productive moisture in soil and its state in different periods of vegetation. E. S. Ulanova, A. A. Tsevelova. Trudy Len. gidromet. inst. no. 24:25-30 '68.

Development of concepts of the moisture probability degree as an indicator of the yield of summer wheat. K. V. Kiricheva. Trudy GMTS no. 8:23-35 '67.

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Development of methods of agrometeorological forecasts of wintering winter crops. V. A. Moiseichik. Trudy GMTS no. 8:46-51 '67.

Development of methods of the evaluation of conditions governing the germination and forecast of the yield of grain crops. N. Z. Ivanova-Zubkova. Trudy GMTS no. 9:67-76 '67.

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Fertility of experimental autotetraploid *Eragrostis caerulea* Moench. A. T. Tkachev, V. V. Sakharov. Dokl. AN SSSR 181 no. 5:1253-1255 '68.

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Methodology of the calculation of reserves of soil moisture for purposes of the evaluation of buckwheat germination conditions. N. Z. Ivanova-Zubkova. Trudy Len. gidromet. inst. no. 24:70-74 '68.

Reaction of grain crops to drought and dry winds and the regions of the greatest effectiveness of irrigation. L. A. Razumova, N. B. Meshchalinova. Trudy GMTS no. 9:93-105 '67.

### 633.1(471.43)—Kuybyshev Province

Corn fertilization in steppe areas of the central Trans-volga region. V. A. Korzhagin, V. A. Porshkin. Khim. v. sol'. khoz. 6 no. 7:10-13. 1c '68.

Effect of simazine atrazine and propazine on weediness and the millet yield in steppe areas of the Kuybyshev Province. V. P. Kuzina. Khim. v. sol'. khoz. 6 no. 7:54-55. 1c '68.

Local method of applying basal mineral fertilizers to grain crops. E. P. Soldatkov. Khim. v. sol'. khoz. 6 no. 7:6-9. 1c '68.

### 633.1(474.3)—Latvian S. S. R.

Effect of mineral fertilizers on the crops of winter rye, barley and potatoes on the farms of Latvia. P. Barbalis. Agrokhimia no. 10:28-32. O '68.

### 633.1(571.02)—Kharkovsk Territory

Effect of mineral fertilizers on the crops of spring wheat on meadow-brown soils of Kharkovsk Territory. M. N. Novikov. Agrokhimia no. 10:129-130. O '68.

### 633.1(574)—Kazakh S. S. R.

Crossability of different wheat species with rye. S. V. Shkurenko. Trudy inst. bot. AN Kazakh SSR 27:53-56 '68.

Effect of mutagenic factors on spring wheat. A. M. Gabbasov, O. K. Baidaulov. Trudy inst. bot. AN Kazakh SSR 27:92-114 '68.

Interspecific hybrids of spring wheat produced in unfri-gated deserts of Central Kazakhstan. A. M. Gabbasov. Trudy inst. bot. AN Kazakh SSR 27:3-32 '68.

Some results of late fall and winter sowing of spring wheat hybrids. A. M. Gabbasov. Trudy inst. bot. AN Kazakh SSR 27:81-91 '68.

### 633.2 Forage grasses and grassland

Effectiveness of nitric fertilizers when applied for meadow timothy. D. A. Filimonov, O. A. Shishkina. Khim. v. sol'. khoz. 6 no. 7:13-17. 1c '68.

### 633.2(471.23)—Leningrad Province

Elimination of wood-brush vegetation by placing ar-boricides in the soil. T. V. Zosimovskaya, P. A. Samgin, I. V. Shulov. Khim. v. sol'. khoz. 6 no. 7:49-50. 1c '68.

Microorganisms of shortgrass meadows in case of different ways of their utilization. I. S. Skalon. Bot. zhur. 53 no. 6:813-820. Je '68.

### 633.2(471.33)—Smolensk Province

Formation of natural foci of liver fluke invasion in pastures of Smolensk Province. N. D. Kruglov. Uch. zap. Smol. gos. ped. inst. no. 17:154-159 '67.

### 633.2(470)—Caucasus and Transcaucasia

Organic matter, nitrogen and ash content in meadow associations of the Greater Caucasus. M. R. Efendiev. Dokl. AN Azerb. SSR 24 no. 7:71-74 '68.

### 633.2(470.22)—Georgian S. S. R.

*Kochia prostrata* (L.) Schrad. as forage plant. A. V. Kakulia. Trudy inst. bot. AN Gruz. SSR 25:16-37 '67.

### 633.2(571.61)—Amur Province

Trace elements contained in some wild forage plants in Amur Province. K. G. Chupakhina. Khim. v. sol'. khoz. 6 no. 7:20-23. 1c '68.

### 633.2(575.4)—Turkmen S. S. R.

Content of mineral substances in mountain pasture vegetation of Turkmenia. G. D. Mikhov, T. I. Gavrilova. Izv. AN Turk. SSR. Ser. bot. nauk. no. 4:28-36 '68.

### 633.3 Leguminous and other green fodders

Effect of sulfur-containing fertilizers on the accumulation of nitrogen in vetch plants. V. A. Shishov, I. V. Palkova. Agrokhimia no. 10:140-143. O '68.

Growth and development of white sweet clover on Solonchaks soils. S. Kulbaev, Sh. M. Chulturov. Vest. sel'khoz. nauki [Kazakh] 11 no. 8:12-17. 1c '68.

New lupine species of various genetic centers. A. I. Akabekova, N. A. Malsarian. Bluk. Glav. bot. sada no. 60:75-77 '68.

### 633.3(470.242)—Nakhichevan A. S. S. R.

Effect of molybdenum on the crops and nutritive value of alfalfa in Nakhichevan A. S. S. R. B. K. Shakuri, Z. A. Nadzhafova. Agrokhimia no. 10:91-97. O '68.

### 633.3(574)—Kazakh S. S. R.

Results of studying the stock material of soybeans under conditions of Alma-Ata Province. U. Akilov. Vest. sel'khoz. nauki [Kazakh] 11 no. 8:28-33. 1c '68.

### 633.3(575.4)—Turkmen S. S. R.

Morphological characteristics of vetch fruit and seeds in Turkmenia. T. P. Gudkova. Izv. AN Turk. SSR. Ser. bot. nauk. no. 4:13-20 '68.

### 633.4 Roots and tubers as field crops

Formation of the root system of potato varieties with different ripening rate on cultured Podzol soil depending on fertilization. V. K. Mosin. Agrokhimia no. 10:33-40. O '68.

### 633.4(471.314)—Vladimir Province

Effect of fertilizers on the dynamics of nutritive substances in the soil and on the yield of Kuzluku fodder swedo. A. V. Votagin, V. P. Kapranov. Khim. i sol'. khoz. 6 no. 7:17-20. 1c '68.

### 633.4(471.328)—Mordvin A. S. S. R.

Agrometeorological conditions governing the growth of sugar beets on Chernozem soils in Mordvinia. O. P. Kaddo. Sbor. rab. Gor'k. i Volzh. GMCO no. 4:78-84 '67.

### 633.4(474.3)—Latvian S. S. R.

Effect of mineral fertilizers of the crops of winter rye, barley and potatoes on the farms of Latvia. P. Barbalis. Agrokhimia no. 10:28-32. O '68.

633.4(574)—Kazakh S. S. R.  
Control of potato stem nematode under conditions of irrigation farming. S. P. Saifanov, Z. S. Kobeteva, V. O. Leikhtman. Khim. v sel'. khoz. 6 no. 7:36-38 JI '68

633.4(575.1)—Uzbek S. S. R.  
Effect of fertilizers on potato crops in Uzbekistan. G. I. Abolina, D. Z. Fatkhullayev. Agrokhimia no. 10:134-136 O '68.

633.5 Fiber plants and crops  
Characteristics of the nourishment of cotton with some ash elements in the presence of K-4 polymer, the artificial soil conditioner. Kh. Kh. Entilev, K. G. Tret'nikov. Agrokhimia no. 10:148-151 O '68.

Dependence of the average weight of cotton boll on the air temperature of the vegetation period. L. N. Platonova. Trudy Len gidromet inst. no. 21:82-86 '68

Effect of phenol substances on protein metabolism in germinating cotton seeds. N. B. Polevskaya. Izv. AN Turb SSR Ser. biol. nauk. no. 4:84-88 '68.

Method of the calculation of moisture reserves of fiber plant fields in the basic cultivation zone. L. V. Andrianova. Trudy Len gidromet inst. no. 24:65-69 '68.

633.6 Sugar and starch yielding crops  
Effect of fertilizers on the crops of sugar beet and the uptake of nutrients in repeated sowing on irrigated Sterozem soils. N. G. Korneva, E. P. Orekhovskaya, G. D. Bogatyreva. Agrokhimia no. 10:9-19 O '68.

Effect of polymers on physical and chemical properties of soda Solonchets soils and the growth of sugar beets. P. A. Vlasuk, A. B. Rubashov. Agrokhimia no. 10:69-76 O '68.

Fertilization of sugar beets on irrigated Chestnut soils. I. M. Popova and others. Agrokhimia no. 10:20-27 O '68.

Use of compound fertilizers on sugar beet plantings. P. P. Khodakovskii, L. S. Evtushenko. Khim. v sel'. khoz. 6 no. 7:25 JI '68.

633.6(471.32)—Kursk Province  
Times and methods for applying phosphorite meal for sugar beet on leached Chernozems. M. T. Lysenko. Khim. v sel'. khoz. 6 no. 7:24 JI '68.

633.6(477)—Ukrainian S. S. R.  
Effectiveness of herbicides on sugar beet plantings in the southwestern forest steppe zone of the Ukraine. N. N. Martynovich. Khim. v sel'. khoz. 6 no. 7:50-53 JI '68.

Potentialities of increasing the profitability of beet production in Ternopol Province. A. Shubiniev. Ekon. Rad. Ukr. 10 no. 6:65-70 Ag '68.

633.8 Various crops for industrial processing  
Dynamics of food storage in *Rosa gallica* L. during the vegetation period. L. V. Gaidukova. Vest. Mosk. univ. Ser. Biol. pozh. 23 no. 2:119-123 Mr-Apr '68

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Quantitative and qualitative composition of tanning substances of fine-fibrous kind of cotton plant. A. S. Sadykov, A. K. Karimdzhanov, A. I. Ismailov. Uzb. khim. zhur. 6 no. 3:60-63 '62.

634.0 Forestry  
A. M. Mushagian; an obituary. Les. khoz. 21 no. 9:86-87 S '68.

Changes in requirements of the average height of standing timber. I. A. Dorozanski, D. B. Zeide. Stand. i kach. 32 no. 9:33 S '68.

Classification of principal yield cuttings. L. B. Lositskii, A. V. Podedinskii. Les. khoz. 21 no. 9:27-29 S '68.

Congratulations on Forester's Day. Les. khoz. 21 no. 9:2-3 S '68.

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- Trace element content in bottom sediments of ponds of the forest steppe, Polesye and Carpathian Mountain region of the Ukrainian S. S. R. E. M. Porokhonskaya, Ryb khoz. no 6 121-126 '68
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- 655(471, 310)——Moscow City
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- Relation between coefficients of self-diffusion and mobility of molecules in water. I. Z. Fisher. Zhur. strukt. khim. 3 no. 3:331-332 My-Je '62.
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## 661.8(476)—White Russian S. S. R.

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## 666 Glass, ceramic, clay, etc., industries

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More attention should be given to industrial aesthetics. A. L. Bol'zhinskii. TSement 32 no. 3, 21-22 My-Je '66

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Pressing-loosening machine of continuous operation. I. I. Poroshin. Stroi. i zhukov. 11 no. 10, 6-8 O '66

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Rolling metal formwork for water conduit galleries of a lock. V. A. Shangin. Energi. stroi. no. 10, 46-47 '60

Selecting parameters of a sorting armor plate lining for tubular girders. V. V. Tkachev, V. N. Oganov. TSement 32 no. 3, 4-5 My-Je '66

Some features of sand concrete structures. T. I. U. Luvinskii, N. V. Mikhailov, P. A. Rebindin. Dokl. AN SSSR 182 no. 3, 647-650 '68

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Structural heat-insulating concrete with gypsum-content puzzolanic binder. R. A. Mukhamadaminov, R. R. Razzykov, P. I. Samatov. Stroi. i zhukov. 11 no. 9, 41-43 S '66

Technical consultation. A. Kh. Goralik, E. E. Shteynman. TSement 32 no. 3, 22-23 My-Je '66

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Two methods of controlling the clinker burning process in rotary kilns. M. M. Doschechinskova and others. TSement 32 no. 3, 13-14 My-Je '66

Using all energy in order to carry out historical decisions of the 23d Congress of the CPSU. TSement 32 no. 3, 1-2 My-Je '66

Using the dust trapped by electric filters from exhaust gases of rotary kilns. G. N. Khagil'din. TSement 32 no. 3, 7-8 My-Je '66

Welding of cement kiln castings at assembly site. L. A. Tolchinskii, P. V. Garber. Mont. i spets. rab. v stroi. 28 no. 3, 24-25 Mi '68

# 666.9 (471.333)—Bryansk Province

Five year plan of Bryansk cement workers. M. S. Zil'kin. TSement 32 no. 3, 2 of cover My-Je '66

# 666.9 (62)—Japan

In Japanese cement plants. I. U. N. Kalugin, V. S. Cheryglin. TSement 32 no. 3, 11-12 My-Je '66

# 666.9 (671.18)—Tomsk Province

Porous filler for concretes made of Tomsk region loams. A. V. Petrov. Trudy GTU 170 67-70 '64

# 666.9 (671.17)—Kemerovo Province

First section of Topki Plant is in operation. TSement 32 no. 3, 12 My-Je '66

# 667 Color industries Dyes, Paints

# 667 (477)—Ukrainian S. S. R.

Combined painting apidna. I. Zholudov. Zhil. i kom. khoz. 18 no. 12, 19 D '67

# 668 Various organic chemical industries

Group composition of primary coal tars. S. I. Panchenko, E. A. Volgina. Podg. i koks. ugi. no. 2, 118-128 '60

Problem of starch gelatinization. M. S. Shul'man, Koll. zhur. 24 no. 3, 344-347 My-Je '62

Study of the crystallization of aromatic polyamides. E. B. Erskanov, B. A. Zhubanov. Izv. AN Kazakh. SSR. Ser. khim. 18 no. 3, 76-82 My-Je '68

Study of the effect of monomer concentration of the process of polyamidation in a solution. B. A. Zhubanov, N. P. Luvchenko. Izv. AN Kazakh. SSR. Ser. khim. 18 no. 3, 83-86 My-Je '68

# 668.3 Adhesives Glues, gelatin, etc.

Supermolecular structure of aqueous gelatin gels. G. I. Skonitskii and others. Vysokom. soed. Ser. B 10 no. 9, 640-641 S '68

# 668.5 Essential oils Perfumery, Cosmetics

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Study of etheral oil of Artemisia porrecta. Zh. K. Gilmaddin, L. N. Lishtvanova, M. I. Goriaev. Izv. AN Kazakh. SSR. Ser. khim. no. 1, 112-116 '62

# 668.5 (575.1)—Uzbek S. S. R.

New goods. Ekoni. i zhizn' 10 no. 8, 80 Ag '68

# 668.7 Tar distillation and products

# 668.7 (471.66)—Chechen-Ingush A. S. S. R.

Pollution of the Sunzha River with 3, 4-benzopyrene from the petrochemical industry enterprises of Groznyy. I. N. Samoilovich, I. U. N. Red'kin. Gid. i san. 33 no. 11, 6-9 N '68

# 668.8 Synthetic organic dyestuffs

Anthracylone dyes from Rhum Wiltrockii. K. V. Tarkasina, T. K. Chumalov. Izv. AN Kazakh. SSR. Ser. khim. no. 2, 83-88 '62

Electron paramagnetic resonance spectra of solid phthalocyanines. N. N. Tikhomirova, D. M. Chernikova. Zhil. i kom. khoz. 3 no. 3, 335-337 My-Je '62

Reaction of silicomolybdic acid with some basic dyes. Z. F. Shakhova, E. N. Doshkova, E. I. Mironovskaya. Izv. neorg. khim. 13 no. 10, 2713-2746 O '68

# 669 Metallurgy

Adhesion interaction between diamond specimens and metals. A. P. Semenov and others. Dokl. AN SSSR 181 no. 5, 1107-1110 '68

Auradynamics of a jet cooling chamber. M. A. Glinkov, M. N. Leonidova, V. I. Metkalliyev. Izv. vyz. ucheb. zav.; chern. met. 11 no. 9, 180-183 '68

Automated system for factory control. G. V. Gulenko. Metallurg 13 no. 9, 34-35 S '68

Certain methods for the quickest adoption of the planned capacity of plants and units. A. I. Al'olov, Met. i gornorud. prom. no. 4, 89-91 Ji-Ag '68

Changes in grain form and sizes in the cold plastic flow of 08U steel. G. I. Bel'chenko and others. Met. i gornorud. prom. no. 4, 39-42 Ji-Ag '68

Cooling speed during hardening and its effect on the properties of tempered low carbon steel. V. T. Khudin and others. Met. i gornorud. prom. no. 4, 15-16 Ji-Ag '68

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Effect of rare-earth element additions on the properties and phase constitution in tempering rail steel. I. U. N. Syurov, V. S. Origan, I. A. Maturova. Met. i gornorud. prom. no. 4, 38-39 Ji-Ag '68

Fuller use of potentials for improving the quality of production. A. I. Al'olov. Met. i gornorud. prom. 9 no. 5, 90-92 S-O '68

Hygienic substantiation of the withdrawal of bronze foundries from residential zones of cities. V. E. Pol'ak, V. I. Gromov. Gid. i san. 33 no. 11, 87 N '68

Influence of the degree of deformation at 900°C and the time of postdeformation holding on the grain of austenite low carbon steel. I. E. Dolzhenko, A. A. Ruban, V. D. Vetsolov. Met. i gornorud. prom. 9 no. 5, 37-39 S-O '68

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Mathematical model of a class of continuous processes. M. A. Glinkov, V. I. Kaganov, F. A. Badalov. Izv. vyz. ucheb. zav.; chern. met. 11 no. 9, 184-186 '68

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Using underlayers in the titanium-steel bimetal. T. E. Dolzhenko and others. Stvet. met. 41 no. 6, 78-81 Je '68

# 669 (437)—Czechoslovakia

Air pollution with discharges from coke oven banks in metallurgical combines of Czechoslovakia. Vavla Masak. Gid. i san. 33 no. 11, 72-79 N '68

# 669 (477)—Ukrainian S. S. R.

At the Dnepropetrovsk metallurgical plants. I. U. Leonol. Stand. i kach. 32 no. 9, 85 S '68

How we grew up and came of age. V. S. Makarenko. Stroi. i zhukov. 11 no. 10, 4-6 O '68

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Seminar of workers of the Scientific Technological Society of Ferrous Metallurgy of the Ukraine. P. D. Dneprov. Met. i gornorud. prom. no. 4, 93-94 Ji-Ag '68

# 669 (477.6)—Donets Basin

Repair and assembly workshops and centers. R. Klymenko, I. Vendrov. Ekoni. i zhizn'. 10 no. 8, 38-40 Ag '68

# 669.017 Physical metallurgy

Activation energy during hydrogen diffusion in metals with a body-centered cubic lattice. V. B. Vykhodova, V. A. Gofman, P. V. Gelfand. Fiz. met. i metalloved. 25 no. 6, 1000-1004 Ja '68

Comparison of ferro- and paramagnetic properties of face-centered cubic modifications of nickel, cobalt and iron. Zh. L. Vozil, N. P. Tverdoklet. Fiz. met. i metalloved. 25 no. 6, 1124-1126 Je '68



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- Diffusion in polycrystalline silver. Part 4: Inter-crystalline diffusion of indium in the 180° - 100 °C temperature range. V. N. Kalgozodov and others. Fiz. met. i metalloved. 25 no. 6:1099-1103 Je '68.
- Diffusion of gold in germanium. O. N. Gromova, K. M. Khodanova. Fiz. i khim. obr. mat. no. 5:150-154 S-O '68.
- Effect of high pressure on the self-diffusion in metals. T. D. Marinyov. Fiz. met. i metalloved. 25 no. 6:1093-1099 Je '68.
- Effect of hydrogen on internal friction of iron. M. A. Samoylov, Z. K. Vachev. Ukr. fiz. zhur. 13 no. 2:200-204 F '68.
- Electron diffraction examination of volume and surface diffusion in the systems Cu - Au and Ni - Au. B. L. Pines, I. P. Ilyebnik, V. F. Ilyukho. Ukr. fiz. zhur. 13 no. 2:200-205 F '68.
- Electron heat capacity of transition metals. V. S. Nosov, G. V. Samsonov. Fiz. met. i metalloved. 25 no. 6:112-113 Je '68.
- Internal friction connected with grain boundaries in copper condensates. V. K. Bolonogov and others. Fiz. i khim. obr. mat. no. 5:101-103 S-O '68.
- Investigating the mechanism of diffusion from changing of inclusions in the Cd-Ge alloy by the method of internal friction. B. M. Darinskii and others. Fiz. i khim. obr. mat. no. 6:123-128 S-O '68.
- Investigating the mechanism of hardening of alloys in the system nickel - aluminum and aluminum. G. I. Nosova, M. T. Trayina. Fiz. met. i metalloved. 25 no. 6:110-112 Je '68.
- Possible role of antium-cation couple vacancies in the process of interdiffusion in the system KCl - KBr. I. U. I. Bokko. Ukr. fiz. zhur. 13 no. 9:1540-1543 S '68.
- Recrystallization diagram of powder tungsten. S. A. Golovin and others. Fiz. i khim. obr. mat. no. 5:168-172 S-O '68.
- Regularities of the redistribution of elements in three-component systems. G. V. Shcherbedinski, V. I. Shadrinov. Fiz. met. i metalloved. 25 no. 6:905-911 Je '68.
- Role of quantum effects during diffusion on the penetration type. V. S. Ereminov. Fiz. met. i metalloved. 25 no. 6:1095-1098 Je '68.
- Temperature dependence of the activation energy of diffusion in solids. V. P. Mykhailchenko. Ukr. fiz. zhur. 13 no. 5:873-875 My '68.
- Temperature dependence of the growth rate of a twin interlayer in a single crystal of bismuth. V. I. Shtarev, V. P. Soldatov, M. M. Brodskii. Fiz. met. i metalloved. 25 no. 6:111-115 Je '68.
- Ternary phases with a structure of the  $U_2Si_3$  type in the W - Mo - B and Mo - Mn - B systems. V. S. Tolstunov, I. U. B. Kuz'ma. Dop. AN URSR. Ser. A 30 no. 10:951-953 O '68.
- Theory of the energy spectrum and properties of metals containing impurities. Part 4: Results of numerical analysis. V. F. Nafsh, O. B. Sokolov. Fiz. met. i metalloved. 25 no. 6:1093-1012 Je '68.
- Theory of the isomorphism of cerium. Part 2: Characteristics of certain physical properties of isomorphic cerium phases. I. I. Apolokar, E. G. Pionatovskii. Fiz. met. i metalloved. 25 no. 6:1040-1051 Je '68.
- Zener relaxation and the orientation relation of the degree of relaxation in single crystals of silicon iron. N. A. Arkhangelskii and others. Fiz. i khim. obr. mat. no. 6:147-150 S-O '68.

#### 669.018 Alloys with particular properties. Ceramic metals

- Corrosion resistance of pure niobium in aggressive media. N. N. Gratsianskii, N. A. Pashchova, S. A. Zaslavskaya. Ukr. fiz. zhur. 13 no. 10:1072-1075 O '68.
- Determination of heat resistance with rapid heating of specimens. I. U. A. Atanas'ev and others. Zav. lab. 34 no. 4:1229-1230 '68.
- Effect of conditions of electrothermal treatment on the short-term heat resistance of the KhN77TiU alloy. I. N. Kiani, I. V. Dolmatin. Izv. vyz. uchob. zav.; Chern. met. 11 no. 9:183-185 '68.
- Effect of the medium in hot rolling on the properties of iron and nickel base precision alloys. N. A. Anishev and others. Fiz. i khim. obr. mat. no. 6:112-116 S-O '68.
- Influence of ordering on the Bragg Effect. V. B. Molodtka, E. A. Tikhonova. Fiz. met. i metalloved. 25 no. 6:987-995 Je '68.
- Pinning of superdislocations in a B2 superstructure. L. E. Popov, N. V. Kozhemiakina. Dokl. AN SSSR 182 no. 3:550-551 '68.
- The PP-23K16M45 powder wire for hard facing of rolling mill rolls. I. L. Fumin, L. A. Kondratov. Avtom. svar. 21 no. 10:50-58 O '68.
- X-ray diffraction investigation of the system Ca - Ni - Si and certain alloys of related systems. O. I. Bodak, E. Y. Gladyshevskii. Dop. AN URSR. Ser. A 30 no. 10:944-947 O '68.
- X-ray examination of the structure of the ceramic metal Ticonal 2000 alloy in a highly coercive state. V. L. Kalikman, V. D. Turov. Fiz. met. i metalloved. 25 no. 6:1059-1063 Je '68.
- X-ray spectra and the electron structure of metallike transition metal compounds. S. A. Normonov and others. Fiz. met. i metalloved. 25 no. 6:1064-1072 Je '68.
- X-ray spectroscopy of the structure of a nickel 3d-band in NiSi and NiSi<sub>2</sub> alloys. V. P. Volkov, L. A. Rosokha. Fiz. met. i metalloved. 25 no. 6:1134-1136 Je '68.

#### 669.041 Metallurgical furnaces

- Economic efficiency of rebuilding blast furnaces. T. G. Ben', I. M. Ivanchenko. Met. i gornorud. prom. 9 no. 5:80-83 S-O '68.

Efficiency of the operation of rebuilt open-hearth furnaces. V. V. Tikhov. Met. i gornorud. prom. 9 no. 5:83-85 S-O '68.

Equipment for the measurement of total heat flows based on the principle of interrupted heat compensation. V. L. Russo, V. E. Kubyshin, A. S. Volkov. Nauch. trudy GIREMET 21:201-208 '67.

Measuring local heat flows. V. L. Russo. Nauch. trudy GIREMET 21:282-290 '67.

#### 669.041 (477.6) — Donets Basin

Contracting organization and the specialization of repair production. I. R. Krut'ko, O. Pylipenko, I. U. Fokhbar, Dron. Rad. Ukr. 10 no. 8:41-42 Ag '68.

#### 669.048 Heating processes

- Automating the technological process of heating mercury in muffle furnaces. V. P. Topchakov, K. V. Dolanov. TSvet. met. 41 no. 5:15-19 Je '68.
- Dynamics of the distribution of oxygen during metal blowing. V. I. Koganov and others. Izv. vyz. uchob. zav.; Chern. met. 11 no. 9:55-59 '68.
- Effect of oxidation on the penetrability of metal membranes. I. I. A. Oshinskaya, L. A. Andreev, A. I. Zhukhovskii. Izv. vyz. uchob. zav.; Chern. met. 11 no. 9:5-9 '68.
- Investigating the decarburization process of a chromium melt during its blowing with inert gases. G. O. Kozlovskii, A. A. Ilyukovich. Izv. vyz. uchob. zav.; Chern. met. 11 no. 9:15-18 '68.
- Starting and adopting new equipment for the furnishing of slags at the Ust'-Kamenogorsk Lead and Zinc Combine. M. S. Unzhakov, L. P. Nevorov, N. A. Gasukha. TSvet. met. 41 no. 6:32-38 Je '68.
- Steel smelting in electric furnaces using steel briquettes. A. T. Shipulin and others. Stal' 28 no. 9:797 S '68.

#### 669.054 Metal refining generally

Manufacturing single crystal alloys of germanium with silicon. O. N. Gromova. Fiz. i khim. obr. mat. no. 5:100-108 S-O '68.

#### 669.1 Ferrous metals. Iron. Steel

- Application of the thermodynamics of stationary irreversible processes. I. U. M. Maksimov. Izv. vyz. uchob. zav.; Chern. met. 11 no. 9:50-51 '68.
- Austenite decomposition effect on the Young modulus of hardened steels. A. I. Medved', A. O. Bilukhanov, N. I. Ivashchenko. Ukr. fiz. zhur. 13 no. 2:317-314 F '68.
- Behavior of some elements in melting synthetic iron from waste of dynamo steel. L. B. Kogani, A. A. Galkukov. Lit. proiz. no. 0:4-5 S '68.
- Castability of modified cast iron. M. M. Turbovskii. Lit. proiz. no. 9:42-43 S '68.
- Certain effects accompanying the action on steel of a focused laser pulse with a modulated quality factor. A. N. Kozlov, A. A. Uglov. Fiz. i khim. obr. mat. no. 5:18-21 S-O '68.
- Certain problems in the methods of investigating non-metallic inclusions in steel with the aid of radioisotopes. I. V. Lyusenko, V. A. Chizh, O. I. Logkostup. Met. i koksokhim. no. 10:84-89 '68.
- Change of the domain structure of plastically deformed transformer steel in a magnetic field. I. A. Dekhtiar, T. V. Dubrova, V. V. Polotnik, Ukr. fiz. zhur. 13 no. 5:870-873 My '68.
- Changes in grain form and sizes in the cold plastic flow of 08U steel. G. I. Balchenko and others. Met. i gornorud. prom. no. 4:30-32 Ji-Ag '68.
- Characteristics of slag formation in oxygen-blown converters. S. G. Afanas'ev, P. I. Uglov. Metallurg 13 no. 9:10-19 S '68.
- Characteristics of slag formation in oxygen-blown converters while using the high-base sinter. B. M. Boltenko and others. Met. i gornorud. prom. 9 no. 5:12-18 S-O '68.
- Classification of killed steel ingots. S. I. A. Skoblo. Met. i koksokhim. no. 10:80-87 '68.
- Cold-resistant cast steel of higher strength. I. E. Brainin and others. Lit. proiz. no. 9:43 S '68.
- Comparing results of the operation of modern oxygen-blown converter and open-hearth furnace plants. V. S. Kosko and others. Metallurg 13 no. 9:20-22 S '68.
- Composition of solid and liquid materials in the attack and body of 2000 m<sup>3</sup>-capacity blast furnaces. Z. I. Nekrasov, V. L. Pokryshkin, M. T. Buzoveria. Met. i gornorud. prom. no. 4:3-12 Ji-Ag '68.
- Control of nonmetallic impurities in ferrochromium. I. U. A. Shul'te and others. Zav. lab. 34 no. 9:1102-1103 '68.
- Cooling speed during hardening and its effect on the properties of tempered low carbon steel. V. T. Khudin and others. Met. i gornorud. prom. no. 4:35-36 Ji-Ag '68.
- Decrease of chromium losses in chromium steel smelting in basic open-hearth furnaces. O. M. Cheshomov and others. Stal' 28 no. 8:785-788 S '68.
- Decomposing crop heads of killed steel ingots in using heat-insulating plates for the heating of risers. L. I. Kruppan and others. Met. i gornorud. prom. no. 4:15-19 Ji-Ag '68.
- Density and structural changes in iron and iron-carbon alloys. A. A. Kupriyanov, S. I. Filippov. Izv. vyz. uchob. zav.; Chern. met. 11 no. 9:10-12 '68.
- Determining optimum reserves of fuel, raw and other materials in blast-furnace and smelting plants. I. I. Kobylakov, G. I. Kikot'. Met. i gornorud. prom. no. 4:75-77 Ji-Ag '68.
- Determining the amount of  $\delta$ -phase from the density. R. Sh. Shklyar and others. Zav. lab. 34 no. 6:707 '68.
- Determining the plasticity characteristics of carbon steel. P. A. Gornovskii. Zav. lab. 34 no. 9:1118-1121 '68.
- Dislocation structure and characteristics of the widening of a viscous crack in the Amco iron. A. S. Drachyn'skiy, I. U. M. Petrov, V. I. Troflov. Ukr. fiz. zhur. 13 no. 9:1535-1538 S '68.
- Distribution of arsenic in metal base of magnesium cast iron, open for discussion. P. P. Luzan, G. N. Gordan, N. I. A. Kazachkova. Lit. proiz. no. 9:27-28 S '68.
- Do the workers in ferrous metallurgy need a diploma? I. M. Fedchenko. Metallurg 13 no. 9:30 S '68.
- Dynamics of the distribution of oxygen during metal blowing. V. I. Koganov and others. Izv. vyz. uchob. zav.; Chern. met. 11 no. 9:55-59 '68.
- Effect of a strong magnetic field on the martensite transformation of iron-nickel alloys. L. N. Remashko, I. G. Fekidov, L. D. Voronchikhin. Fiz. met. i metalloved. 25 no. 6:1128-1130 Je '68.
- Effect of cast iron structure on the durability of the cutting tool. A. P. Chudin. Vest. mashinost. 48 no. 8:70-71 Ag '68.
- Effect of hardness in heat-treated cast iron on its wear resistance in a flow of hydraulic mixture. N. A. Vasil'ov. Vest. mashinost. 48 no. 8:65 Ag '68.
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## 669.1 (471.54)—Sverdlovsk Province

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## 669.1 (477)—Ukrainian S. S. R.

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## 678.5 Plastics

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## 678.6 Synthetic polycondensates: resins, fibers, etc.

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- 685(575.1)—Uzbek S. S. R.  
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693.6 Plastering and other finishes  
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940.53(471, 232)—Leningrad City  
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940.53(477)—Ukrainian S.S.R.  
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940.53(56)—Near East  
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during the Second World War. L. V. Pordeeva. Nov. i  
noveish. Ist. no. 1 95-107 Ja-F '68

940.53(73)—United States of America  
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during the Second World War. L. V. Pordeeva. Nov. i  
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947(471, 310)—Moscow City  
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947(471, 311)—Moscow Province  
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947(477)—Ukrainian S.S.R.  
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between the Ukrainian and Armenian peoples.  
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Documentary materials of the Central Executive Com-  
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947(478)—Moldavian S.S.R.  
History of the state of the Moldavian people. O. O.  
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Province  
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E. A. Dziboeva. Uch. zap. MGPI no. 250: 60-112 '67.

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947(479, 25)—Armenian S.S.R.  
More about the chronological system of "History of  
Armenia" by Moses of Choren. L. P. Shaginyan. Ist.-  
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Agabekian. Ist.-filol. zhur. no. 4: 91-114 '67.



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947(571.54)—Buryat A. S. S. R.  
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947.084(471.2)—Northwestern R. S. F. S. R.  
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947.084(471.324)—Voronezh Province  
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947.084(471.4)—Central and Lower Volga regions

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947.084(471.5)—Ural regions  
Land committees of the northern Ural Mountain region on the eve of the Great October of 1917. T. D. Popova, Uch. zap. MGPI no. 250:34-72 '67.

947.084(476)—White Russian S. S. R.  
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947.084(477)—Ukrainian S. S. R.  
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947.084(477.9)—Crimea  
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947.084(571.15)—Altai Territory  
Establishment of the Bolshevik organization in the Altai Government D. V. Klushin Trudy Kaf. obshchestv. nauk Bar. gos. ped. inst. no. 2 3-27 '65.

947.084(575)—Central Asia  
Scots and strains of Ukrainian institutions and organizations in Soviet Turkmenistan O. V. Markevich Ist. zhur. ta ikh vyk no. 3 282-289 '68

Was Ukrainian internationalists in Soviet Turkmenistan in the light of recently found sources, 1917-1920 I. A. R. Dashkevich Ist. zhur. ta ikh vyk no. 3 91-116 '68

## AUXILIARY CLASS BY PLACE

(161) New states  
see under the following numbers: 35; 37

(177) Underdeveloped and underdeveloped areas  
see under the following numbers: 321; 323, 1; 330, 19; 330, 2; 336; 338; 338, 1; 63

(211) Cold, frigid regions  
see under the following numbers: 613, 3; 624, 1; 628, 1

(234) Mountains of Europe  
see under the following numbers: 551, 2; 551, 7; 552; 553; 549; 552; 552, 4

(235) Mountains of Asia  
see under the following numbers: 551, 7; 552; 56; 581, 4

(26) Ocean, Sea  
see under the following number: 551, 5

(261) Atlantic Ocean  
see under the following numbers: 591, 5; 597; 639, 2

(261.3) Baltic Sea, with Gulfs  
see under the following number: 597

(262.5) Black Sea  
see under the following numbers: 551, 40; 551, 46; 551, 7; 551, 6; 591, 5; 592; 597; 598, 2; 639, 2

(262.8) Caspian Sea  
see under the following numbers: 552; 592; 656, 6

(265) Pacific Ocean  
see under the following numbers: 550, 3; 551, 5; 597; 599; 639, 2

(268) Arctic Ocean  
see under the following numbers: 551, 46; 551, 5; 577, 4; 582, 2; 592; 597; 599

(282.24) European rivers  
see under the following numbers: 614, 7; 639, 2

(285) Lakes, ponds, etc.  
see under the following number: 601, 5

(4/8.103) Communist countries of the world  
see under the following numbers: 327; 330, 2; 656, 6; 791

(4/8.104) Capitalist countries of the world  
see under the following numbers: 323, 2; 327; 329, 14; 330, 2; 336; 336, 44; 336, 45; 336, 6; 341, 2; 347, 9; 368, 4; 382; 391; 608; 610, 008; 62; 623; 625, 7; 658; 687; 720

(4) Europe  
see under the following number: 94

(4.0) European capitalist countries  
see under the following numbers: 330, 2; 331, 881; 658

(41) United Kingdom and Northern Ireland  
see under the following numbers: 327; 338; 341, 1; 342; 351; 37; 382; 382, 16; 614, 8; 617, 3; 622, 6; 622, 8; 94

(430) Germany  
see under the following numbers: 300, 582; 94; 940, 53

(431) German Democratic Republic  
see under the following numbers: 62; 65; 331, 6; 338; 342; 617, 3; 62; 621; 623, 113; 631, 3; 658; 778, 5; 78

(433) Federal Republic of Germany  
see under the following numbers: 323, 2; 327; 329, 08; 330, 2; 331, 6; 336, 36; 343, 2; 355, 40; 361, 8; 382; 621, 06; 930, 1

(437) Czechoslovakia  
see under the following numbers: 66; 69; 323; 329, 08; 330, 2; 341, 2; 614, 7; 615, 8; 621, 6; 621, 708; 64; 658; 660; 78; 94; 940, 63

(438) Poland  
see under the following numbers: 323, 15; 327; 329, 08; 330, 19; 336; 338, 1; 616, 088; 618; 625, 1; 634, 0; 930, 04

(439) Hungary  
see under the following numbers: 28; 323, 15; 329, 08; 331, 881; 370, 17; 439; 639, 08; 635, 8; 78

(44) France  
see under the following numbers: 65; 31; 323, 3; 327; 329, 08; 331; 331, 2; 339; 351, 83; 542; 78

(45) Italy  
see under the following numbers: 308; 323; 329, 15; 331, 8; 343; 389, 0; 621

(46) Iberian Peninsula  
see under the following number: 327

(460) Spain  
see under the following numbers: 327; 940, 53

(460) Portugal  
see under the following numbers: 327; 35, 08; 382

(470) European U. S. S. R.  
see under the following numbers: 528; 550, 34; 550, 8; 551, 2; 551, 3; 551, 4; 551, 40; 628, 3

(471) Russian Soviet Federated Socialist Republic (R. S. F. S. R.)  
see under the following numbers: 62; 31; 338, 1; 351; 351, 82; 368, 48; 37; 360, 16; 63; 658; 657, 6; 658, 5

(471.1) Northern R. S. F. S. R.  
see under the following numbers: 39; 550, 4; 550, 8; 551, 2; 551, 4; 551, 40; 551, 7; 553, 9; 616, 3; 618, 9; 799

(471.11) Archangel Province  
see under the following numbers: 62; 628; 368; 368, 4; 582, 2; 597; 614; 618, 9; 631, 8; 633

(471.111) Nenets National Area  
see under the following number: 597

(471.12) Vologda Province  
see under the following numbers: 62; 24; 329, 04; 331, 8; 339, 48; 381; 39; 634, 0; 635, 1; 669, 1

(471.13) Komi A. S. S. R.  
see under the following numbers: 551, 2; 551, 7; 553, 9; 597; 622, 2; 622, 3; 745

(471.2) Northwestern R. S. F. S. R.  
see under the following number: 947, 084

- (471.21) Murmansk Province  
see under the following numbers 389 8, 550.4, 552, 553, 549
- (471.22) Karelian A. S. S. R.  
see under the following numbers 378, 551 2, 551 7, 553, 555, 597, 831 4, 634 0, 688
- (471.23) Leningrad Province  
see under the following numbers 351 9, 550 7; 576 8, 631.5, 633 2
- (471.232) Leningrad City  
see under the following numbers 028, 069, 331 2, 331 881, 372 364; 378, 380 11, 381 5, 389.6; 621, 658.8; 680 2, 687, 69, 69 05, 78, 910, 940 53
- (471.24) Novgorod Province  
see under the following numbers 28, 508.2; 631.8
- (471.25) Pskov Province  
see under the following number 02
- (471.26) Kaliningrad Province  
see under the following numbers 329 04, 370 17, 598.2, 618
- (471.31) Central Industrial regions  
see under the following numbers 634.0, 728; 729; 745
- (471.310) Moscow City  
see under the following numbers 02; 028, 330 1, 331, 331.8, 338 98, 351 85, 352, 371; 371.3; 371 6, 372, 378; 381 5, 471.310; 551.5; 581, 616 089; 621.6; 622, 624 1, 628 9; 629 119, 635.9, 637; 655; 658 3; 658.5; 677, 685, 687; 711.4; 712.4; 726, 77
- (471.311) Moscow Province  
see under the following numbers 061, 338.1; 362 1; 368.43; 371.9, 381 5, 471.311; 599; 621.798, 622.8, 627.4, 631.5; 631 8, 658.5; 658.7
- (471.312) Tula Province  
see under the following numbers 388.4, 711.4
- (471.313) Ryazan Province  
see under the following numbers 02; 028, 329.04; 331.8, 621.9, 691.4
- (471.314) Vladimir Province  
see under the following numbers 631.8; 633.4
- (471.315) Ivanovo Province  
see under the following numbers 331 1, 677
- (471.316) Yaroslavl Province  
see under the following number 624.2
- (471.317) Kostroma Province  
see under the following number 308 4
- (471.318) Kaluga Province  
see under the following number 372.304
- (471.323) Kursk Province  
see under the following numbers 338.1; 368.48; 614.2; 622.7; 631.8; 633.6
- (471.324) Voronezh Province  
see under the following numbers 336.47; 589; 621.3; 621.311; 65.04; 662.8; 69; 69.05, 693.9, 697, 947.084
- (471.326) Tambov Province  
see under the following numbers 631.8, 632
- (471.327) Penza Province  
see under the following number 373
- (471.328) Mordvin A. S. S. R.  
see under the following numbers 551 5; 633.4
- (471.331) Kalinin Province  
see under the following numbers 02, 621, 631.1, 658.5, 658 8
- (471.332) Smolensk Province  
see under the following numbers 551.48, 577.4, 591.6, 595, 599, 616 9, 63, 633.2, 639.1, 930.26
- (471.333) Bryansk Province  
see under the following numbers 02, 028, 331, 331.881, 616.00; 658.5, 666.9; 677
- (471.34) Volga-Vyatka regions  
see under the following numbers 329.01, 629.122, 634.0
- (471.341) Gorkiy Province  
see under the following numbers 02, 37, 389.6, 551.5, 592.4, 629.113, 629.13; 631.8, 632.0, 658.5
- (471.342) Kirov Province  
see under the following numbers 381.5, 658 3, 658 5
- (471.344) Chuvash A. S. S. R.  
see under the following number 368.48
- (471.4) Central and Lower Volga regions  
see under the following numbers 07, 323.15; 331.8; 338, 398, 592, 947.084
- (471.41) Tatar A. S. S. R.  
see under the following numbers 336.47, 338.1, 551.7; 553; 553.9, 621.0, 622.2, 622.3, 624, 634.0; 638.1; 658.3
- (471.42) Ulyanovsk Province  
see under the following numbers 329.05, 331.8, 331.881, 629.113, 693
- (471.43) Kuybyshev Province  
see under the following numbers 329 01; 331.881, 551.40; 553.9, 622.2; 622.3, 631.8, 632 95, 633.1; 658.1, 658 3, 66.0
- (471.44) Saratov Province  
see under the following numbers 640; 550.8; 551.2; 553.9, 624.2
- (471.45) Volgograd Province  
see under the following numbers 329.02, 331, 331.8; 374; 379, 551.2, 551.7, 553.9; 68; 622 2, 634 1 65.01, 658.5
- (471.46) Astrakhan Province  
see under the following number 329.02
- (471.5) Ural regions  
see under the following numbers 502.7; 551.7; 553.9; 582.4; 632; 634.0, 639.1, 947.084
- (471.51) Udmurt A. S. S. R.  
see under the following numbers 368.4; 627.8
- (471.52) Bashkir A. S. S. R.  
see under the following numbers 07; 550.8; 551.2; 552; 598.2; 621.311; 622.2; 622.3; 622.0; 65.01; 658.3, 674; 711.4
- (471.53) Perm Province  
see under the following numbers 02; 028, 37; 502.7; 551.2, 551.7; 553; 553.9; 597; 596.2; 622.2; 622 3; 622.7; 658.5; 669.2
- (471.531) Komi-Permyak National Area  
see under the following number: 621.311
- (471.54) Sverdlovsk Province  
see under the following numbers 502.7; 546.2; 551.4; 590; 622.7; 634.0, 660.1; 712.3; 930.28
- (471.55) Chelyabinsk Province  
see under the following numbers 331; 37, 371.1; 471.55; 502.7; 553.9, 621.311; 622.2, 622.4; 634.0; 658.5; 658.8; 69
- (471.56) Orenburg Province  
see under the following numbers 551; 552, 553; 553.9, 562, 621 791, 622.2, 658.5, 69 03
- (471.6) Northern Caucasus  
see under the following numbers 338.9, 550 8, 551.5; 553.9, 622.3; 78, 930 26
- (471.61) Rostov Province  
see under the following numbers 330 1; 336.41, 338 1, 371 3, 550 4, 551.45, 551.7; 582.4, 613.0, 631.52, 691.1
- (471.62) Krasnodar Territory  
see under the following numbers 312, 323.1, 338 1, 37, 551 4; 562, 561.5, 582 2; 615.6; 622.3, 632, 634.0, 658.8, 662.9, 69; 725.8
- (471.63) Stavropol Territory  
see under the following numbers 028; 622.3, 635.0
- (471.64) Kabardino-Balkar A. S. S. R.  
see under the following number 634.08
- (471.66) Chechen-Ingush A. S. S. R.  
see under the following numbers 336.41; 368.48, 553.9, 614.7; 622.2, 622.3, 622.6; 659.8; 668.7
- (471.67) Dagestan A. S. S. R.  
see under the following numbers 581.9; 598.2, 615.8, 622.2, 910
- (474) Baltic Republics  
see under the following numbers 551.5; 505; 69
- (474.2) Estonian S. S. R.  
see under the following numbers 597; 634.0, 658.1; 69, 711.3
- (474.3) Latvian S. S. R.  
see under the following numbers 330.1; 37, 373, 374; 598.2, 616.006, 631.8; 633 1, 633.4; 687
- (474.5) Lithuanian S. S. R.  
see under the following numbers 061, 306; 551.4 551 48, 628 5, 634.0, 634.06, 635.8; 635.8, 630.22
- (476) White Russian S. S. R.  
see under the following numbers 02, 028, 081; 330.1, 331.8, 331.881, 336.47; 338.4, 35.07, 351.81; 351.85, 371.9; 378; 389.6, 550.4; 551.49; 553; 570.8; 581; 681.0; 682.2, 595; 62; 621.39; 622.2, 622.3, 631.4; 632; 634.0, 637; 658; 658.3; 658.5, 661.8; 664, 669.88; 677; 695; 687; 69, 711.4, 728, 792, 930.1; 947.084
- (477) Ukrainian S. S. R.  
see under the following numbers 02; 028, 03; 069; 07, 30.07; 323.15, 323.33; 328.01, 329.02, 329.04; 330.1; 330.2; 331; 331.2; 331.8; 331.881, 336.1; 336.41; 336.44; 338.1; 338.4; 338.88, 339; 351.85; 37; 370.17; 371.7, 374; 381, 385, 388.4; 389.6, 39; 394, 398; 551.2, 549, 551.3, 551.4; 551.40, 551.7; 551.7; 552, 553, 553.9, 562, 571; 581.5; 582.2; 582.4, 595, 597, 598.2; 614; 616.089, 620.4; 621; 621.007; 621.311, 621.313; 621.316; 621.87, 622.2, 622.3, 622.4, 622.7; 622.8; 624.1, 626.4; 627.8; 631.1; 631.3, 631.4; 631.52; 631.8; 631.8; 633; 632.95; 633.6, 634.0, 639.2; 639.3; 64; 657.6; 658.1; 658.5, 667; 669.1, 674, 676, 681.1; 689; 691, 7.0; 726; 726; 272.1; 73; 737; 738; 746; 75; 77; 778.5, 78; 792, 793.3, 912; 930.1; 930.22; 930.23, 930.25; 930.26, 930.27; 940.53; 947; 947.084
- (477.6) Donets Basin  
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- (477.8) Western Ukraine  
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- (477.88) Transcarpathia  
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- (477.9) Crimea  
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- (478) Moldavia S. S. R.  
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- (479) Caucasus and Transcaucasia  
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- (479.22) Georgian S. S. R.  
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634.8; 665.5; 681.1
- (479.224) Abkhaz A. S. S. R.  
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551.5; 613.1; 616.8
- (479.24) Azerbaijan S. S. R.  
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- (479.242) Nakhichevan A. S. S. R.  
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- (479.25) Armenian S. S. R.  
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- (494) Switzerland  
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- (495) Greece  
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- (496) European communist countries as a group  
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- (497.1) Yugoslavia  
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- (497.2) Bulgaria  
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- (498) Rumania  
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- (515) Tibet  
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- (519.3) Mongolian People's Republic  
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- (52) Japan  
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- (539) Arab countries as a bloc  
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- (540) India  
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- (548.7) Ceylon  
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- (55) Iran  
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- (56) Near East  
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- (569.4) Israel  
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- (571) Asiatic R. S. F. S. R.  
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- (571.11) Kurgan Province  
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- (571.12) Tyumen' Province  
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- (571.121) Yamal-Nenets National Area  
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- (571.13) Omsk Province  
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- (571.14) Novosibirsk Province  
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- (571.15) Altai Territory  
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- (571.151) Gorno-Altai Autonomous Province  
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- (571.16) Tomsk Province  
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- (571.17) Kemerovo Province  
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551.2; 552; 553.9; 613.6; 621.74; 622.8;  
658.5; 686.9
- (571.51) Krasnoyarsk Territory  
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- (571.511) Tuymyr National Area  
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- (571.512) Evenki National Area  
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- (571.53) Irkutsk Province  
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- (571.54) Buryat A. S. S. R.  
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- (571.55) Chita Province  
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- (571.6) Soviet Far East  
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- (571.62) Khabarovsk Territory  
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- (571.65) Magadan Province  
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- (571.651) Chukchi National Area  
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- (571.68) Kamchatka Province  
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- (574) Karakum S. S. R.  
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- (575) Central Asia  
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- (575.1) Uzbek S. S. R.  
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- (575.2) Kirghiz S. S. R.  
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- (575.3) Tajik S. S. R.  
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- (575.4) Turkmen S. S. R.  
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- (595) Malay Federation  
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- (596) Cambodia  
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- (597.3) South Vietnam  
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- (68) Southern Africa (including Rhodesia)  
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